

**Bid Tabulation Packet
for
Solicitation 1811-275**

Signs and Markers

Bid Designation: Public



Williamson County, Texas

Bid #1811-275 - Signs and MarkersCreation Date **Nov 19, 2018**End Date **Dec 28, 2018 3:30:00 PM CST**Start Date **Dec 5, 2018 8:10:05 AM CST**Awarded Date **Not Yet Awarded**

1811-275--01-01 Please attach all items to this line.					
Supplier	Unit Price	Qty/Unit	Total Price	Attch.	Docs
Pathmark Traffic Equipment, LLC [Ad]	First Offer -	1 / each		Y	Y
Product Code:		Supplier Product Code:			
Agency Notes:		Supplier Notes:			
Vulcan Signs	First Offer -	1 / each		Y	Y
Product Code:		Supplier Product Code:			
Agency Notes:		Supplier Notes:			
		Prices based on one color STD MUTCD Signs - .080 gauge metal			
Osburn Associates Inc. [Ad]	First Offer -	1 / each		Y	Y
Product Code:		Supplier Product Code:			
Agency Notes:		Supplier Notes:			
Dobie Supply LLC [Ad]	First Offer -	1 / each		Y	Y
Product Code:		Supplier Product Code:			
Agency Notes:		Supplier Notes:			
		As a local Vendor (HQ in Austin, and Physical address in Buda), we are willing to provide samples and/or a manufacturers list upon request.			
		*** All documents other than the line item bid sheet were filled out electronically through Bidsync, and thus were not attached here. I did download the files as well, so please let me know if I have to submit them in a different manner.***			
Avery Dennison	First Offer -	1 / each		Y	Y
Product Code:		Supplier Product Code:			
Agency Notes:		Supplier Notes:			
		Please let me know if any additional information is needed.			

Supplier Totals

f Pathmark Traffic Equipment, LLC [Ad]		\$0.00
Bid Contact Rick Brushaber	Address P.O. Box 1066	
sales@pathmark.net	San Marcos, TX 78667	
Ph 512-392-2090		
Fax 512-392-2092		
Agency Notes:	Supplier Notes:	Head Attach:
		
f Avery Dennison		\$0.00
Bid Contact Dan Zampa	Address 7542 N Natchez Ave	
reflective.bids@averydennison.com	Niles, IL 60714	
Ph 847-588-7226		
Bid Notes	Please see uploaded attachment for Bid Bond. Please see product crosswalk for the Roll Goods section below, product data sheets are attached:	
	7.1 W-6000/T-6000	
	7.2 W-6000/T-6000	
	7.3 T-1000-A	

- 7.4 T-6000
- 7.5 T-9000
- 7.6 SC950-190
- 7.7 SC950-360
- 7.8 OL-2000
- 7.9 T-1000-A
- 7.1 T-6000
- 7.11 SC950
- 7.12 SC950
- 7.13 OL-2000
- 7.14 App Tape
- 7.15 App Tape
- 7.16 App Tape
- 7.17 App Tape

Agency Notes:

Supplier Notes:

**Head
Attch:**

Please see uploaded attachment for Bid Bond.
Please see product crosswalk for the Roll Goods section below, product data sheets are attached:



- 7.1 W-6000/T-6000
- 7.2 W-6000/T-6000
- 7.3 T-1000-A
- 7.4 T-6000
- 7.5 T-9000
- 7.6 SC950-190
- 7.7 SC950-360
- 7.8 OL-2000
- 7.9 T-1000-A
- 7.1 T-6000
- 7.11 SC950
- 7.12 SC950
- 7.13 OL-2000
- 7.14 App Tape
- 7.15 App Tape
- 7.16 App Tape
- 7.17 App Tape

f Dobie Supply LLC [Ad]

\$0.00

Bid Contact Douglas Phillips
doug@dobiesupply.com
Ph 512-709-1453

Address 3809 S. 2nd St. #D200
Austin, TX 78704

Bid Notes Stop/Slow paddle- High intensity. Primarily sold with high quality telescopic plastic handle, but can be provided with wooden staff if requested.

3 inch Posts / caps/ brackets* these were bid as 2 7/8OD posts (TXDOT standard) often referred to as 3 inch.**

Signs to be printed and will meet or exceed all visibility standards and requirements.

Curb Separator Specs:

**36" White Super Post with Round Top, Shur-Flex
Sq2Rd Insert, 2ea - RPM's, 5/16" x 2-3/4" Flange
Bolt & Lock Nut, 3/8" x 3" Pin & 6ea - 1/2" Anchor
Bolts, Washers and Nylon Plugs 3" x 8" Orafol White C85 Hi Impact Sheeting Wraps
(2 per post)**

Agency Notes:

Supplier Notes:


Head


Stop/Slow paddle- High intensity. Primarily sold with high quality telescopic plastic handle, but can be provided with wooden staff if requested. **Attch:** 

3 inch Posts / caps/ brackets*** these were bid as 2 7/8OD posts (TXDOT standard) often referred to as 3 inch.

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Curb Separator Specs:
 36" White Super Post with Round Top, Shur-Flex Sq2Rd Insert, 2ea - RPM's, 5/16" x 2-3/4" Flange Bolt & Lock Nut, 3/8" x 3" Pin & 6ea - 1/2" Anchor Bolts, Washers and Nylon Plugs
 3" x 8" Orafol White C85 Hi Impact Sheeting Wraps (2 per post)

f Osburn Associates Inc. [Ad]	\$0.00
Bid Contact Jennifer L Treadway melindat@osburns.com Ph 740-385-6869 Fax 740-385-8016	Address po box 912 logan, OH 43138
Agency Notes:	Supplier Notes: Head Attch: 

f Vulcan Signs	\$0.00
Bid Contact Jim Stewart vulcan3@vulcaninc.com Ph 888-846-2745 Fax 251-943-1544	Address P.O. Box 1850 Foley, AL 36536
Bid Notes Prices based on one color STD MUTCD Signs - .080 gauge metal Agency Notes:	Supplier Notes: Prices based on one color STD MUTCD Signs - .080 gauge metal Head Attch: 

**

Pathmark Traffic Equipment, LLC

Bid Contact **Rick Brushaber**
sales@pathmark.net
Ph 512-392-2090
Fax 512-392-2092

Address **P.O. Box 1066**
San Marcos, TX 78667

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch.	Docs
1811-275--01-01	Please attach all items to this line.	Supplier Product Code:	First Offer -	1 / each	Y	Y
Supplier Total					\$0.00	

Pathmark Traffic Equipment, LLC

Item: **Please attach all items to this line.**

Attachments

Williamson County_Signs_and_Markers_Bid_Sheet.xlsx

Signs and Markers Bid Sheet

TMUTCD SIGNS - REGULATORY			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
1.01	24" Stop/Slow Paddles and 6' Wooden Staff	EACH	\$89.00
1.02	24" Stop/Slow Paddles	EACH	\$75.00
1.03	7' PVC (Sch 80, 1.25" Dia)	EACH	\$25.00
1.04	24" Octagon (H.I.P.)	EACH	\$23.85
1.05	30" Octagon (H.I.P.)	EACH	\$34.99
1.06	36" Octagon (H.I.P.)	EACH	\$52.50
1.07	48" Octagon (H.I.P.)	EACH	\$135.00
1.08	30" Triangle (H.I.P.)	EACH	\$18.99
1.09	36" Triangle (H.I.P.)	EACH	\$22.50
1.10	12"x 6" (H.I.P.)	EACH	\$4.99
1.11	12"x 9" (H.I.P.)	EACH	\$6.75
1.12	15"x 30" (H.I.P.)	EACH	\$21.40
1.13	18"x 6" (H.I.P.)	EACH	\$6.50
1.14	18"x 12" (H.I.P.)	EACH	\$10.50
1.15	18"x 18" (H.I.P.)	EACH	\$15.40
1.16	18"x 24" (H.I.P.)	EACH	\$20.55
1.17	21"x 15" (H.I.P.)	EACH	\$20.55
1.18	24"x 24" (H.I.P.)	EACH	\$27.40
1.19	24"x 30" (H.I.P.)	EACH	\$34.25
1.20	24"x 36" (H.I.P.)	EACH	\$41.10
1.21	24"x 42" (H.I.P.)	EACH	\$47.95
1.22	24"x 48" (H.I.P.)	EACH	\$54.80
1.23	30"x 18" (H.I.P.)	EACH	\$25.70
1.24	30"x 24" (H.I.P.)	EACH	\$34.25
1.25	30"x 30" (H.I.P.)	EACH	\$42.80
1.26	30"x 36" (H.I.P.)	EACH	\$51.35
1.27	30"x 42" (H.I.P.)	EACH	\$59.90
1.28	36"x 12" (H.I.P.)	EACH	\$20.55
1.29	36"x 18" (H.I.P.)	EACH	\$31.00
1.30	36"x 24" (H.I.P.)	EACH	\$41.10
1.31	36"x 36" (H.I.P.)	EACH	\$61.65
1.32	48"x 9" (H.I.P.)	EACH	\$20.55
1.33	48"x 24" (H.I.P.)	EACH	\$54.80
1.34	48"x 30" (H.I.P.)	EACH	\$68.50
1.35	60"x 30" (H.I.P.)	EACH	\$85.75
TMUTCD SIGNS - WARNING			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
2.01	30" Circle (H.I.P.)	EACH	\$42.80
2.02	36" Circle (H.I.P.)	EACH	\$61.65
2.03	12"x 18" (H.I.P.)	EACH	\$10.50
2.04	18"x 18" (H.I.P.)	EACH	\$15.40
2.05	18"x 24" (H.I.P.)	EACH	\$20.55
2.06	24"x 12" (H.I.P.)	EACH	\$13.70
2.07	24"x 24" (H.I.P.)	EACH	\$27.40

2.08	24"x 30" (H.I.P.)	EACH	\$34.25
2.09	30"x 15" (H.I.P.)	EACH	\$21.40
2.10	30"x 30" (H.I.P.)	EACH	\$42.80
2.11	30"x 36" (H.I.P.)	EACH	\$51.35
2.12	36"x 12" (H.I.P.)	EACH	\$22.50
2.13	36"x 18" (H.I.P.)	EACH	\$31.00
2.14	36"x 24" (H.I.P.)	EACH	\$41.10
2.15	36"x 36" (H.I.P.)	EACH	\$61.65
2.16	36"x 48" (H.I.P.)	EACH	\$82.20
2.17	48"x 24" (H.I.P.)	EACH	\$54.80
2.18	48"x 48" (H.I.P.)	EACH	\$110.00
2.19	48"x 60" (H.I.P.)	EACH	\$137.00
2.20	60"x 30" (H.I.P.)	EACH	\$85.75
2.21	66"x 12" (H.I.P.)	EACH	\$38.00
2.22	84"x 24" (H.I.P.)	EACH	\$95.90
TMUTCD SIGNS - SCHOOL			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
3.01	30" Pentagon (D.G. - Florescent Yellow/Green)	EACH	\$62.50
3.02	36" Pentagon (D.G. - Florescent Yellow/Green)	EACH	\$90.00
3.03	24"x 8" (D.G. - Florescent Yellow/Green)	EACH	\$13.50
3.04	24"x 10" (H.I.P. - White)	EACH	\$16.75
3.05	24"x 12" (D.G. - Florescent Yellow/Green)	EACH	\$20.00
3.06	24"x 48" (D.G. - Florescent Yellow/Green and H.I.P. - White)*	EACH	\$68.75
3.07	30"x 30" (D.G. - Florescent Yellow/Green)	EACH	\$62.50
3.08	36"x 12" (D.G. - Florescent Yellow/Green)	EACH	\$30.00
3.09	36"x 36" (D.G. - Florescent Yellow/Green)	EACH	\$90.00
	*per TMUTCD S5-1		
BRACKET/POST AND HARDWARE			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
4.01	2 3/8" Post Bracket	EACH	\$1.39
4.02	3" Post Bracket	EACH	\$2.55
4.03	2 3/8" Back to Back Post Brackets	EACH	\$2.45
4.04	Wedge Steel System Anchor (socket and wedge)	EACH	\$16.99
4.05	Triangular Slipbase System (complete assembly with tri-base ground stub)	EACH	\$119.00
4.06	Triangular Slipbase System (anchor, collar, fasteners – excluding ground stub anchor)	EACH	\$52.85
STREET SIGNS BLANKS AND HARDWARE			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
5.01	6"x 18" Flat (H.I.P. - White)	EACH	\$6.90
5.02	6"x 24" Flat (H.I.P. - White)	EACH	\$9.20
5.03	6"x 30" Flat (H.I.P. - White)	EACH	\$11.49
5.04	6"x 36" Flat (H.I.P. - White)	EACH	\$13.80
5.05	9"x 24" Flat (H.I.P. - White)	EACH	\$13.80
5.06	9"x 30" Flat (H.I.P. - White)	EACH	\$17.24
5.07	9"x 36" Flat (H.I.P. - White)	EACH	\$20.70
5.08	Cap Round - 2 3/8" x 5 1/2" Flat Blade Holder	EACH	\$3.49
5.09	Cap Round - 2 3/8" x 12" Flat Blade Holder	EACH	\$7.99

5.10	Cap Round - 3" x 5 1/2" Flat Blade Holder	EACH	\$7.50
5.11	Cap Round - 3" x 12" Flat Blade Holder	EACH	\$21.00
5.12	90° Tee - 5 1/2" Flat Blade	EACH	\$3.49
5.13	90° Tee - 12" Flat Blade Holder	EACH	\$7.99
POSTS			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
6.01	10' x 2 3/8" O.D. Round Post	EACH	\$19.90
6.02	12' x 2 3/8" O.D. Round Post	EACH	\$21.65
6.03	6' Green U-Channel Post	EACH	\$7.99
6.04	6' Galvanized U-Channel Post	EACH	\$10.49
6.05	12' Green U-Channel Post	EACH	\$29.95
6.06	12' x 2-7/8" O.D. 10 BWG Post complete assembly with Pins	EACH	\$199.00
6.07	11' x 1-3/4" Perforated Square Metal Tubing	EACH	\$25.50
6.08	10' Steel T-leg Assembly* – 5' x 2" square leg base, and two 3' base ends (feet) 1 3/4" square with 5/16" holes.	EACH	\$110.00
6.09	4' x 1 3/4" square T-leg with 5' x 2" square base*	EACH	NA
6.10	3' x 1 3/4" Perforated Square Metal Tubing - Base End (Foot)* with pins	EACH	\$24.50
6.11	5' x 2" Perforated Square Metal Tubing - Single Leg Base* with stub out and pins	EACH	\$38.00
	*see assembly for single leg base (skid mounted) on lower left corner of sheet BC (5)-14		
ROLL GOODS			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
7.01	7"x 50 Yards - Barricade Tape (H.I.P.) Red / White	EACH	\$175.00
7.02	7"x 50 Yards - Barricade Tape (H.I.P.) Orange / White	EACH	\$175.00
7.03	30" x 50 Yards - Reflective Sheeting (E.G.)	EACH	\$375.00
7.04	30" x 50 Yards - Reflective Sheeting (H.I.P.)	EACH	\$725.00
7.05	30" x 50 Yards - Reflective Sheeting (D.G.)	EACH	\$1,750.00
7.06	30" x 50 Yards - Non Reflective Sheeting (Black Vinyl)	EACH	\$149.00
7.07	30" x 50 Yards - Non Reflective Sheeting (Orange Vinyl)	EACH	\$149.00
7.08	30" x 50 Yards - E.C. Film	EACH	\$499.00
7.09	48" x 50 Yards - Reflective Sheeting (E.G.)	EACH	\$600.00
7.10	48" x 50 Yards - Reflective Sheeting (H.I.P.)	EACH	\$1,160.00
7.11	48" x 50 Yards - Non Reflective Sheeting (Black Vinyl)	EACH	\$240.00
7.12	48" x 50 Yards - Non Reflective Sheeting (Orange Vinyl)	EACH	\$240.00
7.13	48" x 50 Yards - E.C. Film	EACH	\$797.00
7.14	6" x 100 Yards - Clear Application Tape	EACH	\$60.00
7.15	12" x 100 Yards - Clear Applicaton Tape	EACH	\$120.00
7.16	24" x 100 Yards - Clear Applicaton Tape	EACH	\$240.00
7.17	30" x 100 Yards - Clear Applicaton Tape	EACH	\$299.00
BARRICADE MATERIAL			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
8.01	1"x 8"x 8' Barricade Rail (plank)	EACH	\$11.99
8.02	Type I 24" Barricade with Sheeting	EACH	\$49.00
8.03	Type II 24" Barricade with Sheeting	EACH	\$56.00
8.04	Type III 4' Barricade with Sheeting	EACH	\$139.00
8.05	Type III 8' Barricade with Sheeting	EACH	\$179.00
8.06	Barricade base/skid (5'- 2" square steel tubing with 6" stub out)	EACH	\$24.50

8.07	1 3/4" x 1 3/4" x 5' X-tube barricade stiffener with standard holes	EACH	\$10.50
FLEXIBLE ROLL UP SIGNS			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
9.01	36" Non Reflective Sign	EACH	\$39.00
9.02	36" Reflective Sign	EACH	\$75.00
9.03	48" Non Reflective Sign	EACH	\$49.00
9.04	48" Reflective Sign	EACH	\$99.00
9.05	Rubber Sign Stand (min. 38 lbs)	EACH	\$89.00
DELINEATOR AND OBJECT MARKERS			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
10.01	62" Soil Mounted Flexible Guide Post w/ Soil Anchor w/ 3" x 12" Yellow H.I.P. Sheeting	EACH	\$39.00
10.02	28" Cones w/ Reflective Bands - 9.5 lbs. min (two-piece cone with separate weighted base)	EACH	\$17.99
10.03	36"- 42" Drums w/ Reflective Bands with Tire Ring Base	EACH	\$39.90
10.04	Barrier reflector - GF-1	EACH	\$2.75
10.05	Barrier reflector - GF-2	EACH	\$6.00
10.06	Barrier reflector - CTB	EACH	\$1.95
10.07	Temporary Flexible-Reflective Roadway Marker Tabs	EACH	\$0.49
10.08	Reflector 6" x 12" (Size 3)	EACH	\$3.50
10.09	12" x 36" Object Marker - OM -3L (H.I.P.)	EACH	\$20.55
10.10	12" x 36" Object Marker - OM -3R (H.I.P.)	EACH	\$20.55
10.11	12" x 36" Object Marker - OM -3C (H.I.P.)	EACH	\$20.55
10.12	18" x 18" Object Marker - OM -4 (H.I.P.)	EACH	\$19.00
10.13	36" (yellow or white) Flexible Delineator Post with 2-3" HI Wraps with base	EACH	\$19.95
10.14	36" (yellow or white) Flexible Delineator Post with 2-3" HI Wraps	EACH	\$13.95
10.15	48" (yellow or white) Flexible Delineator Post with 2-3" HI Wraps with base	EACH	\$24.75
10.16	48" (yellow or white) Flexible Delineator Post with 2-3" HI Wraps	EACH	\$18.60
10.17	600cc Epoxy Cartridge	EACH	\$30.00
10.18	Adhesive 795A	EACH	\$10.50
10.19	8" x 20' Butyl Roll	EACH	No Bid
10.20	8" x 8" Butyl Pads	EACH	\$3.90
10.21	Modular Lane Separator Curb System	EACH	\$99.00
CWZTCDL SUBSTRATES FOR SIGNS BLANKS FOR SHORT-TERM/SHORT DURATION			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
11.01	24" x 30" 10 MM Coroplast w/ Sheeting and Boarder (various colors)	EACH	\$22.50
11.02	36" x 36" 10 MM Coroplast w/ Sheeting and Boarder (various colors)	EACH	\$45.00
11.03	48" x 96" 10 MM Coroplast w/ Sheeting and Boarder (various colors)	EACH	\$144.00
11.04	60" x 30" 10 MM Coroplast w/ Sheeting and Boarder (various colors)	EACH	\$62.50

Supplier: Pathmark Traffic Equipment, LLC

Bidder References

List the last (3) companies or governmental agencies, where the same or similar goods and/or services as contained in this IFB package, were recently provided by Bidder.

Reference 1

Client Name: City of Georgetown Georgetown Texas	Location:
Contact Name: Bill Robinson Sign & Signal Field Technician	Title:
Phone: 512-930-8151 bill.robinson@georgetown.org	E-mail
Contract Date To:	Contract Date From: Contract Value: \$

Scope of Work:
ongoing PO's

Reference 2

Client Name: Guadalupe County Road & Bridge Seguin Texas	Location:
Contact Name: Dennis Luehlfing Road & Bridge	Title:
Phone: 830-379-9721 dennis.luehlfing@co.guadalupe.tx.us	E-mail
Contract Date To:	Contract Date From: Contract Value: \$

Scope of Work:
Ongoing PO's

Reference 3

Client Name:
Bexar County San Antonio Texas

Location:

Contact Name:
Mary Salas Purchasing

Title:

Phone:
210-335-2212 marysalas@bexar.org

E-mail

Contract Date To: Contract Date From: Contract Value: \$

Scope of Work:
Ongoing PO's

Supplier: Pathmark Traffic Equipment, LLC

CONFLICT OF INTEREST QUESTIONNAIRE**FORM CIQ****For vendor doing business with local governmental entity****OFFICE USE ONLY****This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.**

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

Date Received

1 Name of vendor who has a business relationship with local governmental entity.

N/A

- 2** **Check this box if you are filing an update to a previously filed questionnaire.** (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

3 Name of local government officer about whom the information is being disclosed.

N/A
Name of Officer

- 4** Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?

Yes No

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

Yes No

- 5** Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.

N/A

- 6** Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

- 7** Signature is not required if completing in BIDS SYNC electronically;

Signature of vendor doing business with the governmental entity

Date

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

A complete copy of Chapter 176 of the Local Government Code may be found at <http://www.statutes.legis.state.tx.us/ Docs/LG/htm/LG.176.htm>. For easy reference, below are some of the sections cited on this form.

Local Government Code § 176.001(1-a): "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

- (A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity;
- (B) a transaction conducted at a price and subject to terms available to the public; or
- (C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency.

Local Government Code § 176.003(a)(2)(A) and (B):

- (a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

- (2) the vendor:

(A) has an employment or other business relationship with the local government officer or a family member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds \$2,500 during the 12-month period preceding the date that the officer becomes aware that

(i) a contract between the local governmental entity and vendor has been executed; or

(ii) the local governmental entity is considering entering into a contract with the vendor;

(B) has given to the local government officer or a family member of the officer one or more gifts that have an aggregate value of more than \$100 in the 12-month period preceding the date the officer becomes aware that:

(i) a contract between the local governmental entity and vendor has been executed;

or (ii) the local governmental entity is considering entering into a contract with the vendor.

Local Government Code § 176.006(a) and (a-1)

- (a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

(1) has an employment or other business relationship with a local government officer of that local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);

(2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or

(3) has a family relationship with a local government officer of that local governmental entity. (a-1)

The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

- (2) the date that the vendor:

(A) begins discussions or negotiations to enter into a contract with the local governmental entity; or

(B) submits to the local governmental entity an application, response to a request for proposal or bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

- (3) the date the vendor becomes aware:

(A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);

(B) that the vendor has given one or more gifts described by Subsection (a); or (C) of a family relationship with a local government officer.

Form provided by Texas Ethics Commission

www.ethics.state.tx.us

Revised 11/30/2015

Supplier: Pathmark Traffic Equipment, LLC

BID AFFIDAVIT

This form must be completed, signed, notarized and returned with Bid package

The undersigned attests that the company named below, under the provisions of Subtitle F, Title 10, Texas Government Code Chapter 2270:

1. Does not boycott Israel currently; and
2. Will not boycott Israel during the term of the contract.

Pursuant to Section 2270.001, Texas Government Code:

1. "Boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes; and
2. "Company" means a for-profit sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, or any limited liability company, including a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate of those entities or business associations that exist to make a profit.

The undersigned certifies that the IFB and the Bidder's Bid have been carefully reviewed and are submitted as correct and final. Bidder further certifies and agrees to furnish any and/or all goods and/or services upon which prices are extended at the price Bid, and upon the conditions contained in the IFB.

I hereby certify that the foregoing Bid has not been prepared in collusion with any other Bidder or other person or persons engaged in the same line of business prior to the official opening of this Bid. Further, I certify that the Bidder is not now, nor has been for the past six (6) months, directly or indirectly concerned in any pool or agreement or combination, to control the price of services/commodities Bid on, or to influence any person or persons to submit a Bid or not to submit a Bid thereon."

Name of Bidder:	PathMark Traffic Equipment, LLC
Address of Bidder:	4435 Hunter Road, San Marcos TX 78666
Email:	sales@pathmark.net
Telephone:	800-547-0874
Printed Name of Person Submitting Affidavit:	Rick Brushaber
Signature of Person Submitting Affidavit:	

Cooperative Purchasing Program

Check one of the following options below. A non-affirmative Bid will in no way have a negative impact on the County's evaluation of the Bid.

<input checked="" type="checkbox"/>	I will offer the quoted prices to all authorized entities during the term of the County's Contract.
<input type="checkbox"/>	I will not offer the quoted prices to all authorized entities.

If no box is checked, the Bidder agrees to make best efforts in good faith to offer the quoted prices to all authorized entities.

BEFORE ME, the undersigned authority, a Notary Public, personally appeared (*Name of Signer*), who after being by me duly sworn, did depose and say: "I, , (*Name of Signer*) am a duly authorized officer of/agent for (*Name of Bidder*) and have been duly authorized to execute the foregoing on behalf of the said (*Name of Bidder*).

SUBSCRIBED AND SWORN to before me by the above-named
on this the day of , 20.

Notary Public in and for

The State of

The County of

SIGNATURE AND NOTARY NOT REQUIRED IF COMPLETING IN BIDS SYNC ELECTRONICALLY.

Avery Dennison

Bid Contact **Dan Zampa** Address **7542 N Natchez Ave**
reflective.bids@averydennison.com **Niles, IL 60714**
Ph 847-588-7226

Bid Notes **Please see uploaded attachment for Bid Bond. Please see product crosswalk for the Roll Goods section below, product data sheets are attached:**

7.1 W-6000/T-6000
7.2 W-6000/T-6000
7.3 T-1000-A
7.4 T-6000
7.5 T-9000
7.6 SC950-190
7.7 SC950-360
7.8 OL-2000
7.9 T-1000-A
7.1 T-6000
7.11 SC950
7.12 SC950
7.13 OL-2000
7.14 App Tape
7.15 App Tape
7.16 App Tape
7.17 App Tape

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch.	Docs
1811-275--01-01	Please attach all items to this line.	Supplier Product Code: Supplier Notes: Please let me know if any additional information is needed.	First Offer -	1 / each	Y	Y
Supplier Total					\$0.00	

Avery Dennison

Item: **Please attach all items to this line.**

Attachments

T1000A_NA_ENG_07012015.pdf

T6000_NA_ENG_04122018.pdf

T9000-W9000_NA_ENG_02002017.pdf

AD SC950 Product Data Sheet.pdf

OL1000-OL2000_WW_ENG_11002016.pdf

PDB RTape AT-75 ClearChoice_ProductOverview_10.24.17.pdf

TX williamson county AD Bid Bond 12-28-18.pdf

Avery Dennison Signs_and_Markers_Bid_Sheet.xlsx

Avery Dennison® T-1000-A & W-1000-A Series Engineering Grade Beaded Retroreflective Film

Issued: July 2015

Avery Dennison®T-1000-A & W-1000-A Series beaded Engineering Grade Retroreflective Film for permanent and temporary traffic signage, is a high-quality, durable, enclosed lens retroreflective material with a pressure sensitive adhesive.

T-1000-A & W-1000-A Series sheeting is an Omni-Directional beaded film. This feature benefits agencies by providing confidence that all signs will perform with uniform visual reflectivity at all sign face orientations.



Performance:
ASTM D4956 Type I,
EN-12899 RA1
See Page 2 for complete list.



Orientation: Omni-Directional



Durability: 7 years
Vertical Exposure Only



Face: Urethane with Glass Microspheres
(A-version: Acrylic)
(D-version: PVC)



Adhesive: Permanent Pressure Sensitive



Liner: White Polyethylene Coated Paper



Printable with: TrafficJet™ Print System

Features:

- Omni-Directionality provides consistent performance when mounted in different orientations¹
- Designed for long term durability on safety devices worldwide
- Pattern free face allows for clean graphic imaging
- Economical choice for non-critical signs
- Uniform daytime and nighttime visual appearance

Conversion:

- Screen printing
- Thermal transfer printing
- Thermal die-cut
- Flat bed sign-cut
- Drum roller sign-cut
- Steel rule sign-cut

Applications:

- Rigid permanent and temporary outdoor signage
- Rigid work zone devices
- Nonessential signage where retro-reflection is necessary

¹ See Sheeting Orientation section for explanation on directional sensitivity

² See Page 5 for Nomenclature.

³ 3 Year Durability

Product Availability²:

Traffic Products		
T-1100	White	
T-1500-A	White	
T-1500-D	White (Matan)	
T-1101	Yellow	
T-1501-A	Yellow	
T-1501-D	Yellow (Matan)	
T-1505-A	Blue	
T-1507-A	Green	
T-1508-A	Red	
T-1509-A	Brown	
Work Zone Products ³		
W-1104	Orange	
W-1204		
W-1504-A		
W-1142	Orange Pre-Striped Barricade	4" Left
W-1143		4" Right
W-1144		6" Left
W-1145		6" Right

Product Data Sheet

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Reflective Solutions
7542 North Natchez Ave.
Niles, IL 60714



www.reflectives.averydennison.com

Avery Dennison® T-1000-A & W-1000-A Series Engineering Grade Beaded Retroreflective Film

Issued: July 2015

Retroreflectivity:

Table A:

Min. coefficients of retroreflection (R_A)¹ per ASTM D4956² Type I

Observation Angle	Color	Entrance Angle	
		- 4°	+ 30°
0.2°	White	70	30
	Yellow	50	22
	Orange	25	7
	Blue	4	1.7
	Green	9	3.5
	Red	14	6
	Brown	1.0	0.3
0.5°	White	30	15
	Yellow	25	13
	Orange	13	4
	Blue	2.0	0.8
	Green	4.5	2.2
	Red	7.5	3.0
	Brown	0.3	0.2

Table B:

Min. coefficients of retroreflection (R_A)¹ EN 12899 Table 3

α Observation Angle	Color	β_1 ($\beta_2=0^\circ$) Entrance Angle		
		+ 5°	+ 30°	+ 40°
12' (0.2°)	White	70	30	10
	Yellow	50	22	7
	Orange	25	10	2.2
	Blue	4	1.7	0.5
	Green	9	3.5	1.5
	Red	14.5	6	2
	Brown	1	0.3	--
20' (0.33°)	White	50	24	9
	Yellow	35	16	6
	Orange	20	8	2.2
	Blue	2	1	--
	Green	7	3	1.2
	Red	10	4	1.8
	Brown	0.6	0.2	--
2°	White	5	2.5	1.5
	Yellow	3	1.5	1.0
	Orange	1.2	0.5	--
	Blue	--	--	--
	Green	0.5	0.3	0.2
	Red	1	0.5	0.5
Brown	--	--	--	

T-1000-A & W-1000-A Series **exceeds** all values listed in **Table A** and **Table B**.

T-1000-A & W-1000-A Series also **exceeds** the current applicable requirements for the following specifications:

ASTM D4956	International
EN-12899	EU
GB/T 18833	China
JIS Z9117	Japan
SANS 1519-1	South Africa
AS/NZS 1906.1	Australia New Zealand

Avery Dennison suggests you obtain the current requirements from your local agency and ensure product conformance with such requirements. Your Avery Dennison Representative can assist you in this regard.

¹ R_A =
candelas per foot-candle per
square foot (cd/ft²) OR
Candelas per lux per square meter
(cd/lx/m²)

² Measured according to ASTM E810

Product Data Sheet

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Reflective Solutions

7542 North Natchez Ave.

Niles, IL 60714


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Avery Dennison® T-1000-A & W-1000-A Series Engineering Grade Beaded Retroreflective Film

Issued: July 2015

Colors and Specification Limits:

Figure A: Daytime Color – CIE Color Diagram

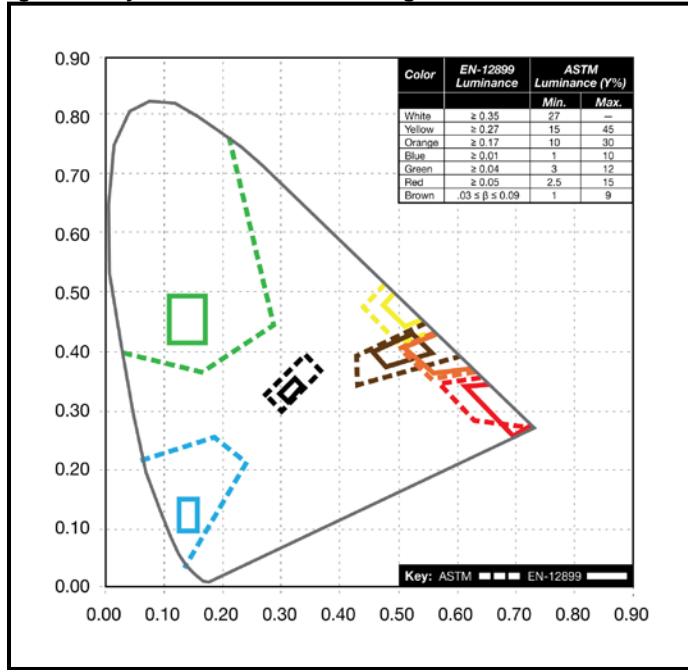
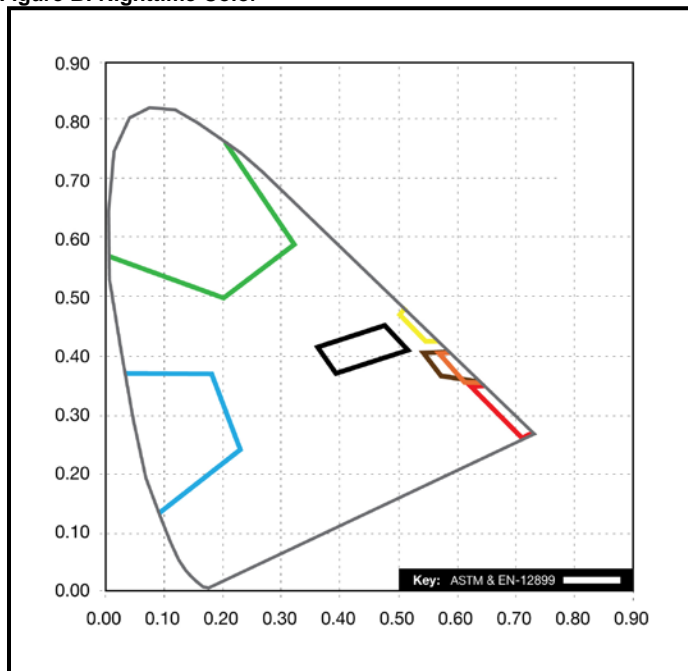


Figure B: Nighttime Color



T-1000-A & W-1000-A Series **meets** the current applicable daytime and nighttime color requirements for ASTM D4956 and EN-12899 as well as standards listed on Page 2.

Chromaticity Coordinate Limits

Figures A & B show the four pairs of chromaticity coordinates from ASTM D4956 and EN-12899 on the color grid.

Daytime Color

The four pairs of chromaticity coordinates in **Figure A** determine the acceptable color in terms of the CIE 1931 Standard Colorimetric System measured with Standard Illuminant D65 and CIE Publication no. 15 using CIE Standard Illuminant D65 and CIE 45/0 geometry. Luminance factor shall comply with table in **Figure A**.

Note: The saturation limit of green and blue may extend to the border of the CIE chromaticity locus for spectral colors

Nighttime Color

The four pairs of chromaticity coordinates in **Figure B** determine the acceptable color measured using CIE Illuminant A, observation angle of 0.33 degrees, entrance angle of +5 degrees, source and receiver apertures not to exceed 10 minutes of arc, and CIE 1930 (2 degree) standard observer per ASTM D4956.

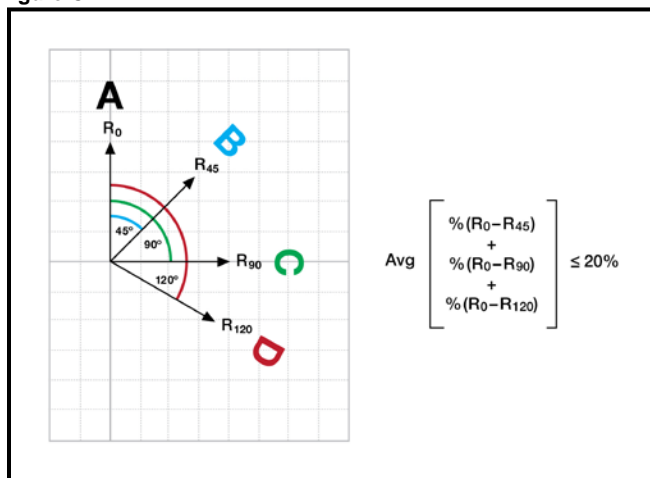
Avery Dennison® T-1000-A & W-1000-A Series Engineering Grade Beaded Retroreflective Film

Issued: July 2015

Sheeting Orientation:

The American Association of State Highway Transportation Officials (AASHTO) has recognized that some retroreflective films are rotationally (orientation) sensitive. Because this impacts sign luminance, AASHTO has defined a specification to measure orientation performance. **Figure C** shows how the orientation sensitivity is measured. In order for a film to be considered rotationally insensitive, the average percent difference (shown in **Figure C**) must be less than or equal to 20%.

Figure C



When measured for orientation sensitivity as described in AASHTO M 268-10, all Avery Dennison sheeting, both beaded and prismatic, **pass** the specification as **rotationally insensitive**. Therefore, no special identification marks or other features (such as a datum mark, or distinctive seal pattern) are required to denote optimum orientation for sheeting. Because the user can expect visual uniformity regardless of orientation, no costly and cumbersome fabrication techniques are required to orient sheets, cut sign legend or border tape during sign fabrication.

Specifying agencies and sign fabricators are cautioned that some retroreflective sheetings, even of the same ASTM "Type" may not provide consistent luminance for desired night visibility if the sheeting is not applied in the optimal, or in uniform orientation. Agencies and fabricators should be aware of this concern and discuss the potential effects of rotation on luminance of specific sheetings with their material supplier before beginning installation and/or fabrication.

Product Data Sheet
Page 4 of 7
Reflective Solutions
7542 North Natchez Ave.
Niles, IL 60714

T-1000-A & W-1000-A Series is Omni-Directional and **passes** the AASHTO specification as being **rotationally insensitive**.

Retroreflectivity R_A values taken per ASTM E810 at 0.5° Observation angle and -4° or 5° Entrance angle

As a datum for laboratory measurements R_0 is identified in the crossweb direction.

*Watermark*¹: T-1000-A & W-1000-A Series does not have a watermark.

¹ May vary by region.

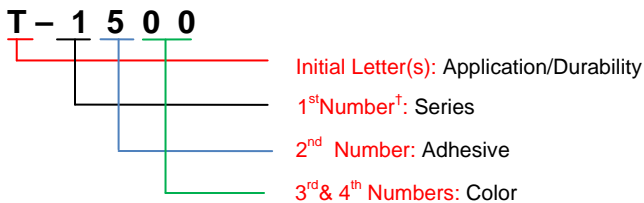


www.reflectives.averydennison.com

Avery Dennison® T-1000-A & W-1000-A Series Engineering Grade Beaded Retroreflective Film

Issued: July 2015

Nomenclature:



Initial Letter	Application	Durability*
T	Traffic/Permanent Sheeting	7 year
W	Work Zone Sheeting	3 year
WR	Work Zone Reboundable	3 year

* See your local representative for complete details.

Series	1000
--------	------

2 nd Number	Substrate
1	Pressure Sensitive for Plastic Substrates
2	Pressure Sensitive for Wood Substrates
5	Pressure Sensitive for Aluminum Substrates

3 rd & 4 th Numbers	Color
00	White
01	Yellow
04	Orange
05	Blue
07	Green
08	Red
09	Brown
11	Fluorescent Yellow
13	Fluorescent Yellow-Green
14	Fluorescent Orange
42	4" LEFT Orange Pre-Striped Barricade
43	4" RIGHT Orange Pre-Striped Barricade
44	6" LEFT Orange Pre-Striped Barricade
45	6" RIGHT Orange Pre-Striped Barricade

[†]OmniCube is the exception and leads with the number 11

The following Warranty is limited to North America.

WARRANTY

Avery Dennison T-1000-A & W-1000-A beaded retroreflective sheeting ("Product(s)") are warranted to be free from defects in material and workmanship for one (1) year from date of purchase (or the period stated on the specific product information literature in effect at time of delivery, if longer). It is expressly agreed and understood that Avery Dennison's sole obligation and Purchaser's exclusive remedy under this warranty, under any other warranty, express or implied, or otherwise, shall be limited to repair or replacement of defective Product without charge at Avery Dennison's plant or at the location of Product (at Avery Dennison's election), or in the event replacement or repairs is not commercially practical, to Avery Dennison's issuing Purchaser a credit reasonable in light of the defect in the Product.

Avery Dennison further warrants that Avery Dennison® T-1000-A & W-1000-A Beaded reflective sheeting will retain its effectiveness as a component of traffic control and guidance signs, and will meet the stated minimum values for coefficient of retroreflection ("Performance Warranty") as set forth in accordance with the following standards:

Warranty Period*	Minimum Percentage R _A Retained
1-7 years	50%

*Performance Warranty Period for Work Zone products is one to three (1-3) years

Note: For transparent color screen printed areas using Avery Dennison supplied or approved inks or OL-2000 Overlay films on Avery Dennison® T-1500-A white sheeting, values shall be a minimum of 70% of values in Table A

R_A percentage retained above apply to all entrance and observation angles in Table A, and shall be measured per ASTM E 810.

All measurements shall be made after cleaning according to Avery Dennison procedures.

PERFORMANCE WARRANTY

If within seven (7) years of installation such deterioration occurs or the Product fails to retain the minimum seven (7)-year reflectivity values, Avery Dennison will restore the installation surface to its original effectiveness at no cost for materials or labor.

CONDITIONS

This warranty shall be effective only if all of the following conditions are met:

Fabrication and/or installation must occur within one (1) year from the date of purchase.

The failure must have resulted solely from a manufacturing defect or deterioration of the Product due to natural causes under the Performance Warranty. Without limiting the generality of the foregoing, there is no warranty for the failure of the sheeting due to improper sign fabrication, storage, handling, installation, maintenance, failure of the sign substrate, vandalism or mischief. Slight color fading, cracking, chalking, edge lifting, or slight reduction in gloss or reflectivity will not materially detract from appearance and does not constitute a breach of warranty.

Avery Dennison has published instructional bulletins pertaining to the storage, handling, and cleaning of Product, approved substrates, and application procedures (collectively, the "Procedures"). The Product must have been processed and applied to blank, clean material in accordance with the Procedures, as such may be amended from time to time. Avery Dennison reserves the right to reject any warranty claim where the fabricator or installer cannot satisfactorily prove or demonstrate that the Avery Dennison procedures were utilized. The date of installation, warranty registration, and claim procedures established by Avery Dennison must be followed, and failure to follow such procedures shall void this warranty. Replacement Product carries only the unexpired warranty portion of the Product it replaces. The Product must be properly stored and applied within the shelf-life as stated in the applicable Avery Dennison Product Data Sheet including adhesive and other material product data sheets.

Product Data Sheet

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 Reflective Solutions
 7542 North Natchez Ave.
 Niles, IL 60714



www.reflectives.averydennison.com

Avery Dennison® T-1000-A & W-1000-A Series Engineering Grade Beaded Retroreflective Film

Issued: July 2015

Characteristics:

<i>Property</i>	<i>Value</i>	<i>Instructional Bulletins</i>
Shelf-Life	1 year from date of purchase when stored at the following conditions; 65°-75°F (18°-24°C) 50% ± 5% R.H.	#8.00
Typical film Caliper	5.5 – 6.5 mils (140 – 165 µm)	NA
Min. Application Temperature	65° F (18° C)	#8.10
Service Temperature	-10°F to +150°F (-23°C to + 65°C)	#8.00
Screen Printing	Long term durability of screen printing in combination with T-1000-A & W-1000-A is warranted when used with approved inks and overlays. See Page 7.	#8.30 #8.55
Thermal Transfer Printing	Long term durability of thermal transfer printing in combination with T-1500-D is warranted when used with approved ribbons and printer systems. See Page 7.	#8.60

ADDITIONAL LIMITATIONS

Unintended Use: This warranty only applies to Product that is used by professional converters and installers for the defined end uses and in the combinations described in the applicable Avery Dennison Product Data Sheets and Instructional Bulletins. For any other use, the user is responsible for determining the suitability of the Product, and for any and all risk or liability associated with that use or application, and the user agrees to indemnify, defend and hold harmless Avery Dennison for any claims, losses, damages, judgments, expenses and/or expenses, including attorneys fees, resulting from such use or application. This warranty is expressly conditioned on the Product being processed by professional converters or installers in accordance with the Avery Dennison recommended written processing instructions, and being applied to properly prepared surfaces and cleaned and maintained in accordance with recommended Avery Dennison procedures. It is the converters, installers or other users responsibility to perform incoming raw material quality inspections, to assure proper surface preparation and that approved application procedures are followed, to retain converted samples, and to immediately cease using and notify Avery Dennison and/or its authorized agent or distributor of any Product, Materials and/or finished Product discovered to be (or reasonably capable of being discovered to be) defective.

Misuse and Force Majeure: Avery Dennison has no obligations or liability under this warranty with respect to Product that has been altered, modified, damaged, misused, abused, subject to accident, neglected or otherwise mishandled or improperly processed or installed. Product is not warranted against premature failure caused by chemical, environmental or mechanical means such as, but not limited to, vandalism, cleaning solutions, paints, solvents, moisture, temperature, mechanical washing equipment, engine fuel spills, engine exhaust, steam, organic solvents or other spilled chemicals pollutants, including industrial and volcanic ash. Damage from fire, structural failure, lightning, accidents, and other force majeure events are not covered by this warranty.

Third Party Product: Avery Dennison assumes no responsibility for any injury, loss or damage arising out of the use of a product that is not of our manufacture. Where installer or converter uses or reference is made to a commercially available product, made by another manufacturer, it shall be the responsibility of the user, installer or converter to ascertain the precautionary measures for its use outlined by the manufacturer.

The remedies provided under this warranty are exclusive. In no event shall Avery Dennison be responsible for any direct, indirect, incidental or consequential damages or specific relief whether foreseeable or not, caused by defects in such Product, whether such damage occurs or is discovered before or after replacement or credit, and whether or not such damage is caused by Avery Dennison's negligence. In no event shall Avery Dennison's liability hereunder exceed the remedies specifically set forth in this warranty. Avery Dennison's liability shall be limited, at Avery Dennison's option, to the purchase price, replacement of the defective Product and in some cases when authorized by Avery Dennison the repair and replacement of the defective Product.

THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHERS. ANY AND ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED. NO WAIVER, ALTERATION, ADDITION OR MODIFICATION OF THE FOREGOING CONDITIONS SHALL BE VALID UNLESS MADE IN WRITING AND MANUALLY SIGNED BY AN OFFICER OF AVERY DENNISON.

Avery Dennison® T-1000-A & W-1000-A Series Engineering Grade Beaded Retroreflective Film

Issued: July 2015

Converting Information:

The following Avery Dennison literature will provide information to the user for proper application, storage, and other requirements. Find the latest information on the Avery Dennison website, www.reflectives.averydennison.com. We encourage you to check our website periodically for updates.

Approved screen printing inks, overlays, thermal transfer ribbons:

Supplier	Series	System	Instructional Bulletins
Avery Dennison	4930 Inks	1 Part Solvent	#8.40
Avery Dennison	7TS	1 Part Solvent	#8.37
Avery Dennison	OL-2000	Acrylic Overlay	#8.01, #8.10, #8.25
Avery Dennison	OL-1000	Anti-Graffiti	#8.01, #8.10
Matan	DTS	Thermal Transfer	#8.60

Instructional Bulletins:

Film Care & Handling	#8.00
Substrate Requirements	#8.01
Application Techniques for PS Film	#8.10
Cutting Methods	#8.20
Computer Sign Cutting	#8.25
Screen Preparation	#8.30
Troubleshooting Printing & Processing	#8.34
Ink Recommendations Guide	#8.55

Substrates:

The application of Avery Dennison T-1000-A & W-1000-A Series sheeting is limited to properly prepared substrates. For T-1500 and W-1500 products, application is limited to properly prepared aluminum. For T-1200 and W-1200 products, application is limited to properly prepared wood. For T-1100 and W-1100 products, application is limited to properly prepared plastic. Users are urged to carefully evaluate, under actual use conditions, any film application to other substrates. Failure of film caused by other substrates, materials, contamination, or improper surface preparation is not the responsibility of Avery Dennison. See Instructional Bulletin #8.01 for full details on substrate requirements.

DEFINITIONS

Durability: means that the Product in a finished graphic, panel or sign situated outdoors, subject to the limitations herein and Avery Dennison Product Data Sheets and Instructional Bulletins, and applied to recommended surfaces, will not deteriorate excessively such that the finished sign, panel or graphic is ineffective for its identification when viewed under normal conditions from the intended viewing distance.

Outdoor Durability: is based on normal middle European and central North American outdoor exposure conditions and application to recommended surfaces. Actual performance life will depend on a variety of factors, including but not limited to substrate preparation, exposure conditions and maintenance of the Product and finished graphic, panel or sign. In case the finished graphics, panel or sign is in areas of high temperatures or humidity, in industrially polluted areas or other areas with air laden particulate matter, and/or in high altitudes, Outdoor Durability may be reduced. Please see your local Avery Dennison representative for changes to warranties based on such localized conditions.

Vertical Exposure: means that the face of the finished graphic is $\pm 10^\circ$ from vertical.

Non-Vertical Exposure: means that the face of the finished graphic is greater than 10° from vertical and greater than 5° from horizontal. Retroreflective films are not warranted for this exposure.

Flat surfaces: means a two dimensional flat surface without protruding objects.

Weathering Effects: Some degradation of Product performance over time is considered normal wear. Slight color fading, chalking, edge lifting, or slight reduction in gloss or reflectivity due to normal wear exposure and other natural weathering, environmental or other conditions or damage caused by tornadoes, hurricanes, wind, excessive ice buildup or extraordinary frozen particulate conditions, large hail stones or other acts of God, do not constitute a breach of warranty or give rise to any liability by Avery Dennison.

Printing, Curing and Ink Defects: Ink contaminations, failures or other defects, or other failures due to improper printing conditions or settings including, but not limited to, unsuitable color calibration, incorrect ICC color profile or incompatible printing, do not constitute a breach of warranty. Product failure caused by ink over-saturation, excessive or under curing, failure of ink to render desired colors on Product, or other treatment or processing errors are not warranted.

Adhesion to Application Surfaces: This warranty does not cover the Product if the application surface is not properly prepared; nor does the warranty cover the Product or damage to the substrate because the layers of the substrate separate due to a lower bond between those layers than the bond between the Product and the top layer of the substrate, or surfaces which subsequently crack, peel, outgas, or become damaged beneath the Product

INDEPENDENT TESTING REQUIRED

All statements, technical information and recommendations about Avery Dennison products are based upon tests and information believed to be reliable but do not constitute a guarantee or warranty of any kind. All Avery Dennison products are sold with the understanding that Purchaser has independently determined the suitability of such products for its intended and other purposes.

If any court of competent jurisdiction or relevant government agency holds any provision of this warranty and limitation of liability to be illegal, void, invalid or unenforceable, whether in terms of any competition, legislation or otherwise, such provision shall be deleted and severable from this warranty and limitation of liability but deletion shall not affect the validity or enforceability of any other provisions hereof.

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Avery Dennison® T-6000& W-6000 HIP Series High Intensity Microprismatic Retroreflective Film

Issued: April 2018

Avery Dennison®T-6000& W-6000 Series High Intensity Microprismatic (HIP) Retroreflective Film for permanent and temporary traffic signage is a high-quality, durable, microprismatic retroreflective material with a pressure sensitive adhesive. Its unique microprismatic construction provides a high level of retroreflectivity for demanding traffic control situations.

T-6000 & W-6000 Series sheeting is an Omni-Directional microprismatic film that incorporates tiles of microprisms arranged in multiple orientations. This feature – “Smart at Every Angle” benefits agencies by providing confidence that all signs will perform with uniform visual reflectivity at all sign face orientations.

Features:

- Omni-Directional
- High Intensity Microprismatic Retroreflective Performance
- Field proven long term durability
- on safety devices worldwide
- Uniform daytime and nighttime visual appearance

Conversion:

- Screen Printing
- Thermal Transfer Printing
- Eco Solvent Inkjet Printing
- Thermal Die-Cut
- Flat Bed Sign-Cut
- Drum Roller Sign-Cut
- Steel Rule Sign-Cut

Applications:

- Rigid Permanent and Temporary Outdoor Signage
- Rigid Work Zone Devices
- Safety Devices that Require Robust Retroreflective Performance

*See Page 5 for Nomenclature
 **3 Year Durability
 ***Non-Digital Printable Product



Performance:
 ASTM D4956 Type III & IV, CUAP Table 7
 See Page 2 for complete list.



Orientation: Omni-Directional



Durability: 10 year Vertical Exposure only (12 year with OL1000)



Face: High-Gloss Acrylic Retroreflective Film with Microprisms



Adhesive: Permanent Pressure Sensitive



Liner: Polypropylene Film



Printable with: TrafficJet™ Print System

Product Availability*:

<i>Traffic Products</i>		
T-6500	White	
T-6501	Yellow	
T-6505	Blue	
T-6507	Green	
T-6508	Red	
T-6509	Brown	
<i>Work Zone Products**</i>		
W-6100	White	
W-6500D	White	
W-6501D	Yellow	
W-6504D	Orange	
W-6511	Fluorescent Yellow ***	
W-6513	Fl Yellow-Green***	
W-6142	Orange Pre-Striped Barricade	4" Left
W-6143		4" Right
W-6144		6" Left
W-6145		6" Right
W-6245		6" Left
W-6246		6" Right
W-6148	Red Barricade	6" Left
W-6149		6" Right



Avery Dennison® T-6000& W-6000 HIP Series High Intensity Microprismatic Retroreflective Film

Issued: April 2018

Retroreflectivity:

Table A:
Min. coefficients of retroreflection (R_A)¹ per ASTM D4956² Type III & IV

Observation Angle	Color	Entrance Angle	
		- 4°	+ 30°
0.1° ³	White	500	240
	Yellow	380	175
	Orange	200	94
	Blue	42	20
	Green	70	32
	Red	90	42
	Brown	25	12
	Fluorescent Yellow	300	140
	Fluorescent Yellow-Green	400	185
0.2°	White	360	170
	Yellow	270	135
	Orange	145	68
	Blue	30	14
	Green	50	25
	Red	65	30
	Brown	18	8.5
	Fluorescent Yellow	220	100
	Fluorescent Yellow-Green	290	135
0.5°	White	150	72
	Yellow	110	54
	Orange	60	28
	Blue	13	6.0
	Green	21	10
	Red	27	13
	Brown	7.5	3.5
	Fluorescent Yellow	90	40
	Fluorescent Yellow-Green	120	55

Table B:
Min. coefficients of retroreflection (R_A)¹ CUAP Table 7 (EN-12899 RA2)

α Observation Angle	Color	β_1 ($\beta_2=0^\circ$) Entrance Angle		
		+ 5°	+ 30°	+ 40°
12' (0.2°)	White	250	150	110
	Yellow	170	100	70
	Orange	100	60	29
	Blue	20	11	8
	Green	45	25	12
	Red	45	25	15
	Brown	12	8.5	5.0
20' (0.33°)	White	180	100	95
	Yellow	120	70	60
	Orange	65	40	20
	Blue	14	8.0	7.0
	Green	21	12	11
	Red	25	14	13
	Brown	8.0	5.0	3.0
2°	White	5.0	2.5	1.5
	Yellow	3.0	1.5	1
	Orange	1.5	1	--
	Blue	0.2	--	--
	Green	0.5	0.3	0.2
	Red	1	0.4	0.3
	Brown	0.2	--	--

HIP Series sheeting **exceeds** all values listed in **Table A** and **Table B**.

HIP Series sheeting also **exceeds** the current applicable requirements for the following specifications:

ASTM D4956	International
AASHTO M268	USA
CUAP	EU
GB/T 18833	China
N-CMT-5-03-001	Mexico
UNE 135340	Spain
NF XP98520	France
BSI 8408	UK
UNI 11122	Italy
JIS Z9117	Japan
SANS 1519-1	South Africa
AS/NZS 1906.1	Australia New Zealand
ABNT NBR 14644	Brazil
IRAM 3952	Argentina

Avery Dennison suggests you obtain the current requirements from your local agency and ensure product conformance with such requirements. Your Avery Dennison Representative can assist you in this regard.

R_A =
candelas per foot-candle per square foot(cd/ft^2) OR
Candelas per lux per square meter ($cd/lx/m^2$)

² Measured according to ASTM E810

³Note that 0.1° Observation angle is a “supplemental Requirement” in ASTM D4956. It represents long highway viewing distances of about 900 ft (275 Meters) and greater.



Avery Dennison® T-6000& W-6000 HIP Series High Intensity Microprismatic Retroreflective Film

Issued: April 2018

Colors and Specification Limits:

Figure A: Daytime Color

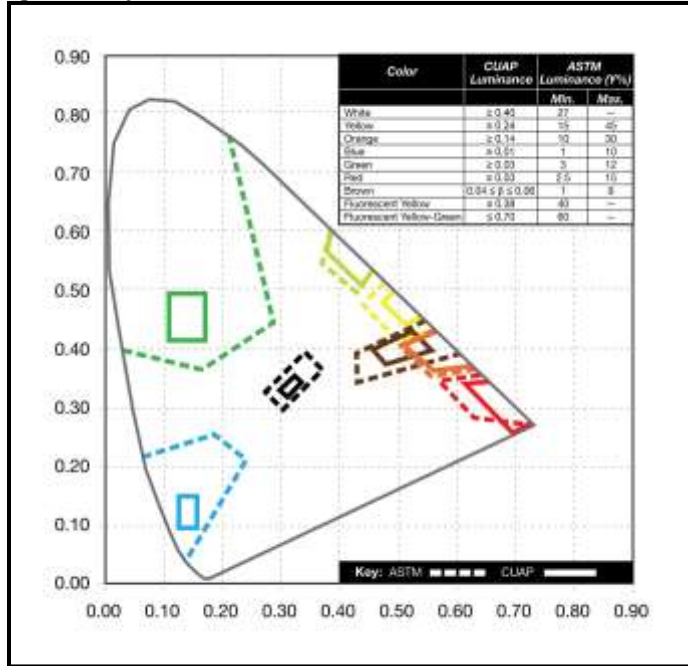
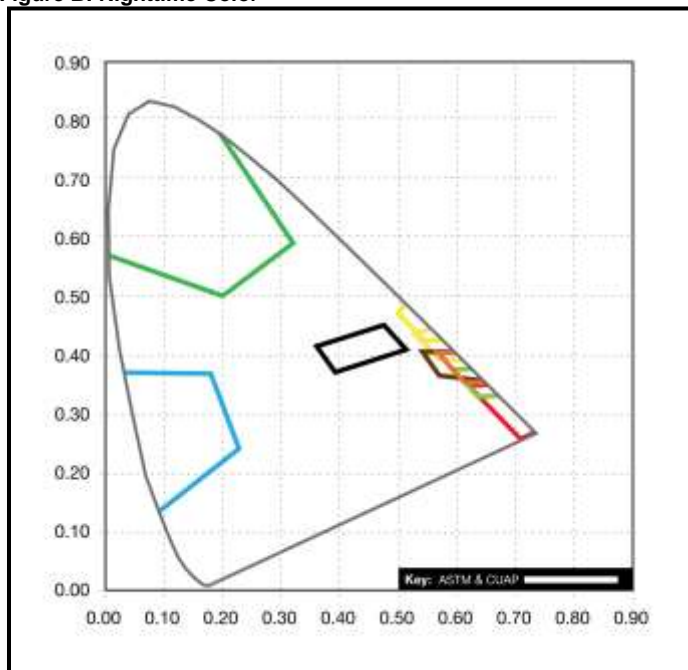


Figure B: Nighttime Color



HIPSeries sheeting **meets** the current applicable daytime and nighttime color requirements for ASTM D4956 and CUAP as well as standards listed on Page 2.

Chromaticity Coordinate Limits

Figures A & B show the four pairs of chromaticity coordinates from ASTM D4956 and CUAP on the color grid.

Daytime Color

The four pairs of chromaticity coordinates in **Figure A** determine the acceptable color in terms of the CIE 1931 Standard Colorimetric System measured with Standard Illuminant D65 and CIE Publication no. 15 using CIE Standard Illuminant D65 and CIE 45/0 geometry. Luminance factor shall comply with table in **Figure A**.

Note: The saturation limit of green and blue may extend to the border of the CIE chromaticity locus for spectral colors

Nighttime Color

The four pairs of chromaticity coordinates in **Figure B** determine the acceptable color measured using CIE Illuminant A, observation angle of 0.33 degrees, entrance angle of +5 degrees, source and receiver apertures not to exceed 10 minutes of arc, and CIE 1930 (2 degree) standard observer per ASTM D4956.



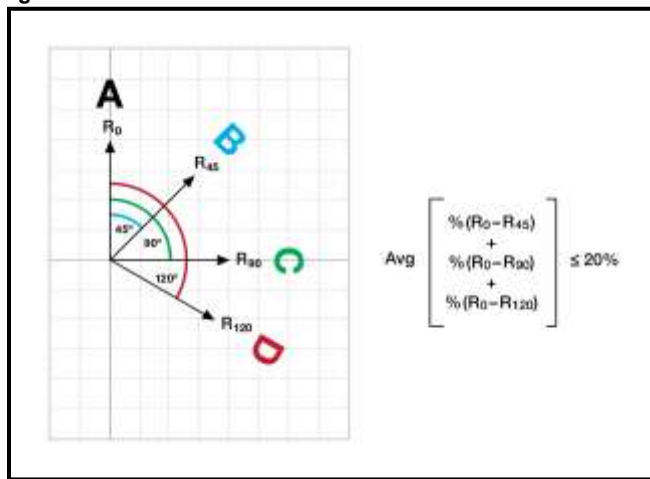
Avery Dennison® T-6000& W-6000 HIP Series High Intensity Microprismatic Retroreflective Film

Issued: April 2018

Sheeting Orientation:

The American Association of State Highway Transportation Officials (AASHTO) has recognized that some retroreflective films are rotationally (orientation) sensitive. Because this impacts sign luminance, AASHTO has defined a specification to measure orientation performance. **Figure C** shows how the orientation sensitivity is measured. In order for a film to be considered rotationally insensitive the average percent difference (shown in **Figure C**) must be less than or equal to 20%.

Figure C



When measured for orientation sensitivity as described in AASHTO M 268-10, all Avery Dennison sheeting, both beaded and prismatic, **pass** the specification as **rotationally insensitive**. Therefore no special identification marks or other features (such as a datum mark, or distinctive seal pattern) are required to denote optimum orientation for sheeting. Because the user can expect visual uniformity regardless of orientation, no costly and cumbersome fabrication techniques are required to orient sheets, cut sign legend or border tape during sign fabrication.

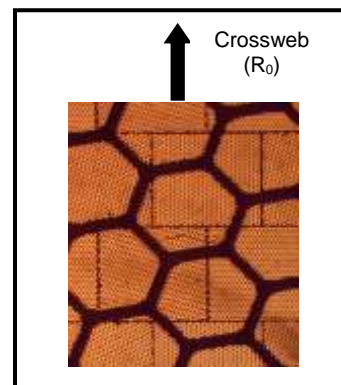
Specifying agencies and sign fabricators are cautioned that some retroreflective sheetings, even of the same ASTM "Type" may not provide consistent luminance for desired night visibility if the sheeting is not applied in the optimal, or in uniform orientation. Agencies and fabricators should be aware of this concern and discuss the potential effects of rotation on luminance of specific sheetings with their material supplier before beginning installation and/or fabrication.

HIP Series sheeting is Omni-Directional and **passes** the AASTHO specification as being **rotationally insensitive**.

Retroreflectivity R_A values taken per ASTM E810
0.5° Observation angle and
-4° or 5° Entrance angle

As a datum for laboratory measurements R_0 is identified in the crossweb direction. See **Figure D**

Figure D



Watermark: HIP Series contains the watermark seen in **Figure E**.

Figure E

HIP Lot #

Product Data Sheet
Page 4 of 7
Reflective Solutions
7542 North Natchez Ave.
Niles, IL 60714



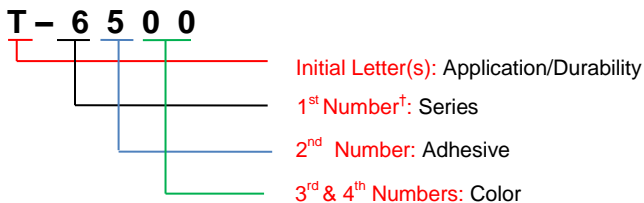
www.reflectives.averydennison.com

Avery Dennison® T-6000 & W-6000 HIP Series

High Intensity Microprismatic Retroreflective Film

Issued: April 2018

Nomenclature:



Initial Letter	Application	Durability*
T	Traffic/Permanent Sheeting	10 year
W	Work Zone Sheeting	3 year
WR	Work Zone Reboundable	3 year

* See your local representative for complete details.

Series	6000
--------	------

2 nd Number	Substrate
1	Pressure Sensitive for Plastic Substrates
2	Pressure Sensitive for Wood Substrates
5	Pressure Sensitive for Aluminum Substrates

3 rd & 4 th Numbers	Color
00	White
01	Yellow
04	Orange
05	Blue
07	Green
08	Red
09	Brown
11	Fluorescent Yellow
13	Fluorescent Yellow-Green
14	Fluorescent Orange
42	4" LEFT Orange Pre-Striped Barricade
43	4" RIGHT Orange Pre-Striped Barricade
44	6" LEFT Orange Pre-Striped Barricade
45	6" RIGHT Orange Pre-Striped Barricade
48	6" Left Red Pre-Stripe Barricade
49	6" Right Red Pre-Stripe Barricade

OmniCube is the exception and leads with the number 11

The following Warranty is limited to North America.

WARRANTY

Avery Dennison T-6000 & W-6000 prismatic retroreflective sheeting ("Product(s)") are warranted to be free from defects in material and workmanship for one (1) year from date of purchase (or the period stated on the specific product information literature in effect at time of delivery, if longer). It is expressly agreed and understood that Avery Dennison's sole obligation and Purchaser's exclusive remedy under this warranty, under any other warranty, express or implied, or otherwise, shall be limited to repair or replacement of defective Product without charge at Avery Dennison's plant or at the location of Product (at Avery Dennison's election), or in the event replacement or repairs is not commercially practical, to Avery Dennison's issuing Purchaser a credit reasonable in light of the defect in the Product.

Avery Dennison further warrants that Avery Dennison® T-6000 & W-6000 microprismatic reflective sheeting will retain its effectiveness as a component of traffic control and guidance signs, and will meet the stated minimum values for coefficient of retroreflection ("Performance Warranty") as set forth in accordance with the following standards:

Warranty Period*	Minimum Percentage R _A Retained
1-7 years	80%
8-10 years	80%

* Performance Warranty Period for Work Zone products is one to three (1-3) years

Note: For transparent color screen printed areas using Avery Dennison supplied or approved inks or OL-2000 Overlay films on Avery Dennison® T-6500 white sheeting, values shall be a minimum of 70% of values in Table A

R_A percentage retained above apply to all entrance and observation angles in Table A, and shall be measured per ASTM E 810.

All measurements shall be made after cleaning according to Avery Dennison procedures.

PERFORMANCE WARRANTY

If within ten (10) years from the initial date of installation, the Product deteriorates due to natural causes to the extent that: 1) the Product fails to retain the minimum reflectivity values warranted for the ten (10) year period under the standard in force at the time of installation, or 2) the Product is ineffective for its intended purpose when viewed from a moving vehicle under normal daytime or nighttime driving conditions, Avery Dennison will furnish a replacement amount of like Product at no cost to enable the installed surface to be restored to its original effectiveness. If within seven (7) years of installation such deterioration occurs or the Product fails to retain the minimum seven (7) year reflectivity values, Avery Dennison will restore the installation surface to its original effectiveness at no cost for materials or labor.

CONDITIONS.

This warranty shall be effective only if all of the following conditions are met:

Fabrication and/or installation must occur within one (1) year from the date of purchase.

The failure must have resulted solely from a manufacturing defect or deterioration of the Product due to natural causes under the Performance Warranty. Without limiting the generality of the foregoing, there is no warranty for the failure of the sheeting due to improper sign fabrication, storage, handling, installation, maintenance, failure of the sign substrate, vandalism or mischief. Slight color fading, cracking, chalking, edge lifting, or slight reduction in gloss or reflectivity will not materially detract from appearance and does not constitute a breach of warranty.

Avery Dennison has published instructional bulletins pertaining to the storage, handling, and cleaning of Product, approved substrates, and application procedures (collectively, the "Procedures"). The Product must have been processed and applied to blank, clean material in accordance with the Procedures, as such may be amended from time to time. Avery Dennison reserves the right to reject any warranty claim where the fabricator or installer cannot satisfactorily prove or demonstrate that the Avery Dennison procedures were utilized. The date of installation, warranty registration, and claim procedures established by Avery Dennison must be followed, and failure to follow such procedures shall void this warranty. Replacement Product carries only the unexpired warranty portion of the Product it replaces. The Product must be properly stored and applied within the shelf-life as stated in the applicable Avery Dennison Product Data Sheet including adhesive and other material product data sheets.



Avery Dennison® T-6000& W-6000 HIP Series High Intensity Microprismatic Retroreflective Film

Issued: April 2018

Characteristics:

<i>Property</i>	<i>Value</i>	<i>Instructional Bulletins</i>
Shelf-Life	1 year from date of purchase when stored at the following conditions; 65°-75°F (18°-24°C) and 50% ± 5% R.H.	#8.00
Typical film Caliper	18 – 19 mils (457 – 483μ) Orange: 17 – 18 mils (432 – 457μ) W-6500/01D 14 – 15 mils (356 – 381μ)	NA
Min. Application Temperature	50° F (10° C)	#8.10
Service Temperature	-10°F to +150°F (-23°C to + 65°C)	#8.00
Screen Printing	Long term durability of screen printing in combination with HIP series sheeting is warranted when used with approved inks and overlays. See Page 7.	#8.30 #8.55
Eco Solvent Inkjet Printing	Long term durability of inkjet printing in combination with HIP series sheeting is warranted when used with approved inks and printer systems. See Page 7.	TrafficJet™ Print System
Thermal Transfer Printing	Long term durability of Thermal Transfer Printing in combination with any HIP series sheeting is warranted when used with approved ribbons and printer systems.	#8.60

ADDITIONAL LIMITATIONS

Unintended Use: This warranty only applies to Product that is used by professional converters and installers for the defined end uses and in the combinations described in the applicable Avery Dennison Product Data Sheets and Instructional Bulletins. For any other use, the user is responsible for determining the suitability of the Product, and for any and all risk or liability associated with that use or application, and the user agrees to indemnify, defend and hold harmless Avery Dennison for any claims, losses, damages, judgments, expenses and/or expenses, including attorneys fees, resulting from such use or application. This warranty is expressly conditioned on the Product being processed by professional converters or installers in accordance with the Avery Dennison recommended written processing instructions, and being applied to properly prepared surfaces and cleaned and maintained in accordance with recommended Avery Dennison procedures. It is the converters, installers or other users responsibility to perform incoming raw material quality inspections, to assure proper surface preparation and that approved application procedures are followed, to retain converted samples, and to immediately cease using and notify Avery Dennison and/or its authorized agent or distributor of any Product, Materials and/or finished Product discovered to be (or reasonably capable of being discovered to be) defective.

Misuse and Force Majeure: Avery Dennison has no obligations or liability under this warranty with respect to Product that has been altered, modified, damaged, misused, abused, subject to accident, neglected or otherwise mishandled or improperly processed or installed. Product is not warranted against premature failure caused by chemical, environmental or mechanical means such as, but not limited to, vandalism, cleaning solutions, paints, solvents, moisture, temperature, mechanical washing equipment, engine fuel spills, engine exhaust, steam, organic solvents or other spilled chemicals pollutants, including industrial and volcanic ash. Damage from fire, structural failure, lightning, accidents, and other force majeure events are not covered by this warranty.

Third Party Product: Avery Dennison assumes no responsibility for any injury, loss or damage arising out of the use of a product that is not of our manufacture. Where installer or converter uses or reference is made to a commercially available product, made by another manufacturer, it shall be the responsibility of the user, installer or converter to ascertain the precautionary measures for its use outlined by the manufacturer.

The remedies provided under this warranty are exclusive. In no event shall Avery Dennison be responsible for any direct, indirect, incidental or consequential damages or specific relief whether foreseeable or not, caused by defects in such Product, whether such damage occurs or is discovered before or after replacement or credit, and whether or not such damage is caused by Avery Dennison's negligence. In no event shall Avery Dennison's liability hereunder exceed the remedies specifically set forth in this warranty. Avery Dennison's liability shall be limited, at Avery Dennison's option, to the purchase price, replacement of the defective Product and in some cases when authorized by Avery Dennison the repair and replacement of the defective Product.

THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHERS. ANY AND ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED. NO WAIVER, ALTERATION, ADDITION OR MODIFICATION OF THE FOREGOING CONDITIONS SHALL BE VALID UNLESS MADE IN WRITING AND MANUALLY SIGNED BY AN OFFICER OF AVERY DENNISON.



Avery Dennison® T-6000& W-6000 HIP Series High Intensity Microprismatic Retroreflective Film

Issued: April 2018

Converting Information:

The following Avery Dennison literature will provide information to the user for proper application, storage, and other requirements. Find the latest information on the Avery Dennison website, www.reflectives.averydennison.com. We encourage you to check our website periodically for updates.

Approved Screen Printing Inks, Overlays, and Printer Systems:

Supplier	Series	System	Instructional Bulletins
Avery Dennison	4930 Inks	1 Part Solvent	#8.40
Avery Dennison	UVTS Nazdar	UV	#8.38
Avery Dennison	OL-2000	Acrylic Overlay	#8.01, #8.10, #8.25
Avery Dennison	OL-1000	Anti-Graffiti	#8.01, #8.10
Matan	DTS	Thermal Transfer	#8.60
Avery Dennison	TrafficJet™ 1638 - 8 Color	Eco Solvent Inkjet*	TrafficJet™ Print System

* See Instructional Bulletin for overlay requirements.

Instructional Bulletins:

Film Care & Handling	#8.00
Substrate Requirements	#8.01
Application Techniques for PS Film	#8.10
Cutting Methods	#8.20
Computer Sign Cutting	#8.25
Screen Preparation	#8.30
Troubleshooting Printing & Processing	#8.34
Ink Recommendations Guide	#8.55

Substrates:

The application of Avery Dennison HIP Series sheeting is limited to properly prepared substrates which differ by product. For traffic products and W-6504, application is limited to properly prepared Aluminum. For products in the W-6100 line, application is limited to properly prepared plastic. For products in the W-6200 line, application is limited to properly prepared wood. Users are urged to carefully evaluate, under actual use conditions, any film application to other substrates. Failure of film caused by other substrates, materials, contamination, or improper surface preparation is not the responsibility of Avery Dennison. See Instruction Bulletin #8.01 for full details on substrate requirements.

DEFINITIONS

Durability: means that the Product in a finished graphic, panel or sign situated outdoors, subject to the limitations herein and Avery Dennison Product Data Sheets and Instructional Bulletins, and applied to recommended surfaces, will not deteriorate excessively such that the finished sign, panel or graphic is ineffective for its identification when viewed under normal conditions from the intended viewing distance.

Outdoor Durability: is based on normal middle European and central North American outdoor exposure conditions and application to recommended surfaces. Actual performance life will depend on a variety of factors, including but not limited to substrate preparation, exposure conditions and maintenance of the Product and finished graphic, panel or sign. In case the finished graphics, panel or sign is in areas of high temperatures or humidity, in industrially polluted areas or other areas with air laden particulate matter, and/or in high altitudes, Outdoor Durability may be reduced. Please see your local Avery Dennison representative for changes to warranties based on such localized conditions.

Vertical Exposure: means that the face of the finished graphic is ±10° from vertical.

Non-Vertical Exposure: means that the face of the finished graphic is greater than 10° from vertical and greater than 5° from horizontal. Retroreflective films are not warranted for this exposure.

Flat surfaces: means a two dimensional flat surface without protruding objects.

Weathering Effects: Some degradation of Product performance over time is considered normal wear. Slight color fading, chalking, edge lifting, or slight reduction in gloss or reflectivity due to normal wear exposure and other natural weathering, environmental or other conditions or damage caused by tornadoes, hurricanes, wind, excessive ice buildup or extraordinary frozen particulate conditions, large hail stones or other acts of God, do not constitute a breach of warranty or give rise to any liability by Avery Dennison.

Printing, Curing and Ink Defects: Ink contaminations, failures or other defects, or other failures due to improper printing conditions or settings including, but not limited to, unsuitable color calibration, incorrect ICC color profile or incompatible printing, do not constitute a breach of warranty. Product failure caused by ink over-saturation, excessive or under curing, failure of ink to render desired colors on Product, or other treatment or processing errors are not warranted.

Adhesion to Application Surfaces: This warranty does not cover the Product if the application surface is not properly prepared; nor does the warranty cover the Product or damage to the substrate because the layers of the substrate separate due to a lower bond between those layers than the bond between the Product and the top layer of the substrate, or surfaces which subsequently crack, peel, outgas, or become damaged beneath the Product

INDEPENDENT TESTING REQUIRED

All statements, technical information and recommendations about Avery Dennison products are based upon tests and information believed to be reliable but do not constitute a guarantee or warranty of any kind. All Avery Dennison products are sold with the understanding that Purchaser has independently determined the suitability of such products for its intended and other purposes.

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Avery Dennison® OmniView™ T-9000 & W-9000 Series Premium Microprismatic Retroreflective Film

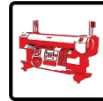
Issued: February 2017

Avery Dennison→ OmniView T-9000& W-9000 Series Premium Microprismatic Retroreflective Film for permanent and temporary traffic signage, is a high-quality, durable, microprismatic retroreflective material with a pressure sensitive adhesive. Its unique microprismatic construction provides a high level of retroreflectivity for demanding traffic control situations.

OmniViewT-9000 & W-9000 Series sheeting is an Omni-Directional microprismatic film that incorporates tiles of microprisms arranged in multiple orientations. This feature – “Smart at Every Angle” benefits agencies by providing confidence that all signs will perform with uniform reflectivity at all sign face orientations.



Performance:
ASTM D4956 Type IX
CUAP Type 3B
See Page 2 for complete list.



Printable with: TrafficJet™ Print System



Orientation: Omni-Directional



Durability: 12 year
Vertical exposure only.



Face: High-Gloss Acrylic and Polycarbonate Retroreflective Film with Microprisms



Adhesive: Permanent
Pressure Sensitive



Liner: Polypropylene Film

Features:

- Omni-Directional
- Premium Quality Microprismatic Retroreflective Performance
- Field proven long term durability on safety devices worldwide
- Uniform daytime and nighttime visual appearance

Product Data Sheet

Page 1 of 11
Reflective Solutions
7542 North Natchez Ave.
Niles, IL 60714



www.reflectives.averydennison.com

Avery Dennison® OmniView™ T-9000 & W-9000 Series

Premium Microprismatic Retroreflective Film

Issued: February 2017

Conversion:

- Screen Printing
- Thermal Transfer Printing
- Eco Solvent Inkjet Printing
- Thermal Die-Cut
- Flat Bed Sign-Cut
- Drum Roller Sign-Cut
- Steel Rule Sign-Cut

Applications:

- Rigid Permanent and Temporary Outdoor Signage
- Rigid Work Zone Devices
- Safety Devices that require Wide Angle Retroreflective Performance

Product Availability*:

Traffic Products	
T-9500	White
T-9501	Yellow
T-9505	Blue
T-9507	Green
T-9508	Red
T-9511	Fluorescent Yellow
T-9513	Fluorescent Yellow-Green
Work Zone Products**	
W-9200	White
W-9111	Fluorescent t Yellow
W-9214	Fluorescent Orange
W-9514	

* See Page 5 for Nomenclature

** 3 Year Durability

Retroreflectivity:

Table A:

Min. coefficients of retroreflection (R_A)¹ per ASTM D4956² Type IX

Observation Angle	Color	Entrance Angle	
		- 4°	+ 30°
0.1° ³	White	660	370
	Yellow	500	280
	Blue	30	17
	Green	66	37
	Red	130	74
	Brown	20	11
	Fluorescent Yellow	400	220
	Fluorescent Yellow-Green	530	300
	Fluorescent Orange	200	110
0.2°	White	380	215
	Yellow	285	162
	Blue	17	10
	Green	38	22
	Red	76	43
	Brown	11	6.0
	Fluorescent Yellow	230	130
	Fluorescent Yellow-Green	300	170
	Fluorescent Orange	115	65
0.5°	White	240	135
	Yellow	180	100
	Blue	11	6.0
	Green	24	14
	Red	48	27
	Brown	7.0	4.0
	Fluorescent Yellow	145	81
	Fluorescent Yellow-Green	190	110
	Fluorescent Orange	72	41
1.0°	White	80	45
	Yellow	60	34

Product Data Sheet

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 Reflective Solutions
 7542 North Natchez Ave.
 Niles, IL 60714



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Avery Dennison® OmniView™ T-9000 & W-9000 Series

Premium Microprismatic Retroreflective Film

Issued: February 2017

Blue	3.6	2.0
Green	8.0	4.5
Red	16	9.0
Brown	2.0	1.0
Fluorescent Yellow	48	27
Fluorescent Yellow-Green	64	36
Fluorescent Orange	24	14

Table B:Min. coefficients of retroreflection (R_A)¹ CUAP Table 10⁴

α Observation Angle	Color	β_1 ($\beta_2=0^\circ$) Entrance Angle			
		+ 5°	+ 20°	+ 30°	+ 40°
0.33°	White	300	240	165	30
	Yellow	195	155	110	20
	Blue	19	16	11	2.0
	Green	30	24	17	3.0
	Red	60	48	33	6.0
	Brown	9.0	7.2	5.0	--
	Fluorescent Yellow	180	144	99	18
	Fluorescent Yellow-Green	240	192	132	24
	Fluorescent Orange	90	72	49	9.0
1.0°	White	35	30	20	3.5
	Yellow	23	20	13	2.0
	Blue	2.5	2.0	1.5	--
	Green	3.5	3.0	2.0	--
	Red	7.0	6.0	4.0	1.0
	Brown	1.0	--	--	--
	Fluorescent Yellow	21	18	12	2.0
	Fluorescent Yellow-Green	28	24	16	2.5
	Fluorescent Orange	10	9.0	6.0	1.0
1.5°	White	15	13	9.0	1.5
	Yellow	10	8.0	6.0	1.0
	Blue	1.0	--	--	--
	Green	1.5	1.0	--	--
	Red	3.0	2.0	2.0	--
	Brown	--	--	--	--
	Fluorescent Yellow	9.0	7.5	5.0	--
	Fluorescent Yellow-Green	12	10	7.0	1.0
	Fluorescent Orange	4.5	4.0	2.5	--

OmniView Series sheeting **exceeds** all values listed in **Table A** and **Table B**.

Product Data Sheet

Page 3 of 11

 Reflective Solutions
 7542 North Natchez Ave.
 Niles, IL 60714

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Avery Dennison® OmniView™ T-9000 & W-9000 Series

Premium Microprismatic Retroreflective Film

Issued: February 2017

OmniViewSeries sheeting also **exceeds** the current applicable requirements for the following specifications:

ASTM D4956	International
AASHTO M268	USA
CUAP	EU
GB/T 18833	China
N-CMT-5-03-001	Mexico
UNE 135340	Spain
NF XP98520	France
BSI 8408	UK
UNI 11122	Italy
JIS Z9117	Japan
SANS 1519-1	South Africa
AS/NZS 1906.1	Australia New Zealand
ABNT NBR 14644	Brazil
IRAM 3952	Argentina

Avery Dennison suggests you obtain the current requirements from your local agency and ensure product conformance with such requirements. Your Avery Dennison Representative can assist you in this regard.

¹R_A =
 candelas per foot-candle per square foot(cd/ft²) OR
 Candelas per lux per square meter
 (cd/lx/m²)

² Measured according to ASTM E810

³ Note that 0.1° Observation angle is a "supplemental Requirement" in ASTM D4956. It represents long highway viewing distances of about 900 ft (275 Meters) and greater.

⁴ OmniView exceeds CUAP Table 11 & Table 12

Product Data Sheet

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Reflective Solutions
 7542 North Natchez Ave.
 Niles, IL 60714



www.reflectives.averydennison.com

Avery Dennison® OmniView™ T-9000 & W-9000 Series Premium Microprismatic Retroreflective Film

Issued: February 2017

Colors and Specification Limits:

Figure A: Daytime Color – CIE Color Diagram

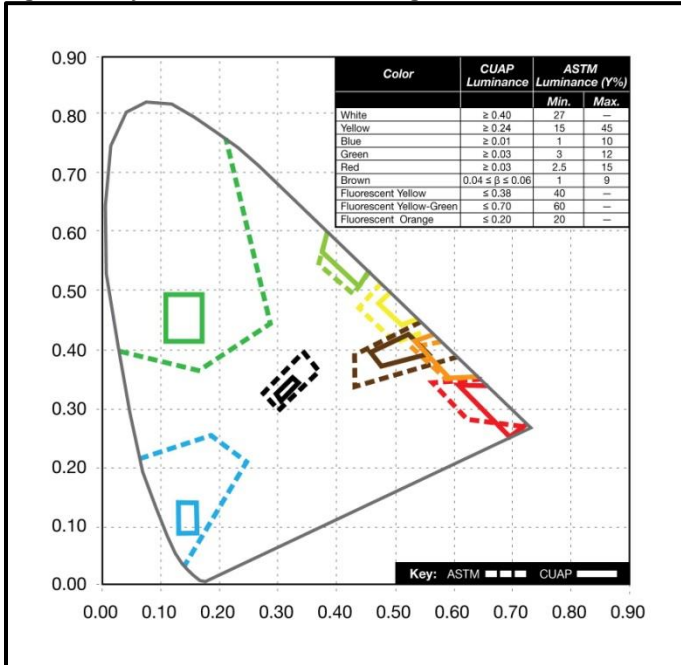
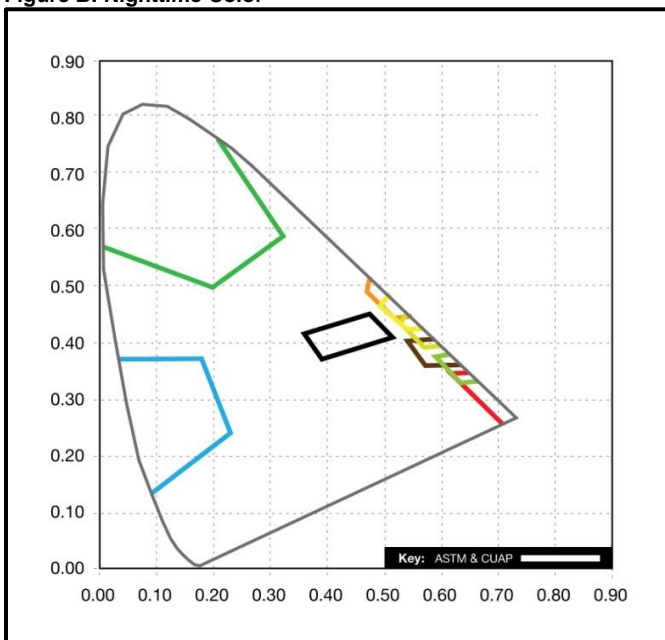


Figure B: Nighttime Color



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Reflective Solutions
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Avery Dennison® OmniView™ T-9000 & W-9000 Series Premium Microprismatic Retroreflective Film

Issued: February 2017

OmniViewSeries sheeting **meets** the current applicable daytime and nighttime color requirements for ASTM D4956 and CUAP as well as standards listed on Page 2.

Chromaticity Coordinate Limits

Figures A & B show the four pairs of chromaticity coordinates from ASTM D4956 and CUAP on the color grid.

Daytime Color

The four pairs of chromaticity coordinates in **Figure A** determine the acceptable color in terms of the CIE 1931 Standard Colorimetric System measured with Standard Illuminant D65 and CIE Publication no. 15 using CIE Standard Illuminant D65 and CIE 45/0 geometry. Luminance factor shall comply with table in **Figure A**.

Note: The saturation limit of green and blue may extend to the border of the CIE chromaticity locus for spectral colors

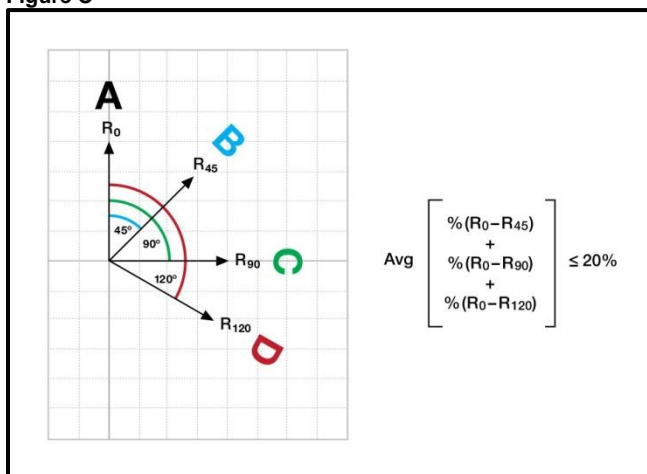
Nighttime Color

The four pairs of chromaticity coordinates in **Figure B** determine the acceptable color measured using CIE Illuminant A, observation angle of 0.33 degrees, entrance angle of +5 degrees, source and receiver apertures not to exceed 10 minutes of arc, and CIE 1930 (2 degree) standard observer per ASTM D4956.

Sheeting Orientation:

The American Association of State Highway Transportation Officials (AASHTO) has recognized that some retroreflective films are rotationally (orientation) sensitive. Because this impacts sign luminance, AASHTO has defined a specification to measure orientation performance. **Figure C** shows how the orientation sensitivity is measured. In order for a film to be considered rotationally insensitive, the average percent difference (shown in **Figure C**) must be less than or equal to 20%.

Figure C



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Avery Dennison® OmniView™ T-9000 & W-9000 Series Premium Microprismatic Retroreflective Film

Issued: February 2017

When measured for orientation sensitivity as described in AASHTO M 268-10, all Avery Dennison sheeting, both beaded and prismatic, **pass** the specification as **rotationally insensitive**. Therefore, no special identification marks or other features (such as a datum mark, or distinctive seal pattern) are required to denote optimum orientation for sheeting. Because the user can expect visual uniformity regardless of orientation, no costly and cumbersome fabrication techniques are required to orient sheets, cut sign legend or border tape during sign fabrication.

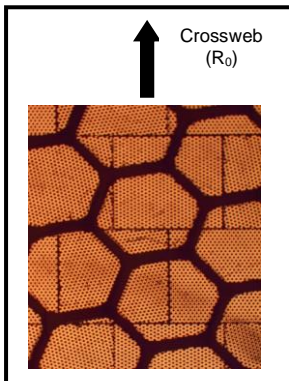
Specifying agencies and sign fabricators are cautioned that some retroreflective sheetings, even of the same ASTM "Type" may not provide consistent luminance for desired night visibility if the sheeting is not applied in the optimal, or in uniform orientation. Agencies and fabricators should be aware of this concern and discuss the potential effects of rotation on luminance of specific sheetings with their material supplier before beginning installation and/or fabrication.

OmniView Series sheeting is Omni-Directional and **passes** the AASHTO specification as being **rotationally insensitive**.

Retroreflectivity R_A values taken per ASTM E810
0.5° Observation angle and
-4° or 5° Entrance an

As a datum for laboratory measurements R_0 is identified in the crossweb direction. See **Figure D**.

Figure D



Watermark: OmniView contains the watermark seen in **Figure E**.

Figure E



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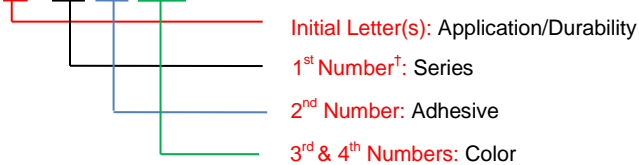
Avery Dennison® OmniView™ T-9000 & W-9000 Series

Premium Microprismatic Retroreflective Film

Issued: February 2017

Nomenclature:

T-9500



Initial Letter	Application	Durability*
T**	Traffic/Permanent Sheeting	12 year
W	Work Zone Sheeting	3 year
WR	Work Zone Reboundable	3 year

* See your local representative for complete details.

**Fluorescent Yellow and Fluorescent Yellow-Green 10 year durability

Series	
9000	

2 nd Number	Substrate
1	Pressure Sensitive for Plastic Substrates
2	Pressure Sensitive for Wood Substrates
5	Pressure Sensitive for Aluminum Substrates

3 rd & 4 th Numbers	Color
00	White
01	Yellow
04	Orange
05	Blue
07	Green
08	Red
09	Brown
11	Fluorescent Yellow
13	Fluorescent Yellow-Green
14	Fluorescent Orange
42	4" LEFT Orange Pre-Striped Barricade
43	4" RIGHT Orange Pre-Striped Barricade
44	6" LEFT Orange Pre-Striped Barricade
45	6" RIGHT Orange Pre-Striped Barricade

[†]OmniCube is the exception and leads with the number 11

Product Data Sheet

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Reflective Solutions
 7542 North Natchez Ave.
 Niles, IL 60714



www.reflectives.averydennison.com

Avery Dennison® OmniView™ T-9000 & W-9000 Series Premium Microprismatic Retroreflective Film

Issued: February 2017

The following Warranty is limited to North America.

WARRANTY

Avery Dennison OmniView™ T-9000 & W-9000 microprismatic reflective sheeting ("Product(s)") are warranted to be free from defects in material and workmanship for one (1) year from date of purchase (or the period stated on the specific product information literature in effect at time of delivery, if longer). It is expressly agreed and understood that Avery Dennison's sole obligation and Purchaser's exclusive remedy under this warranty, under any other warranty, express or implied, or otherwise, shall be limited to repair or replacement of defective Product without charge at Avery Dennison's plant or at the location of Product (at Avery Dennison's election), or in the event replacement or repairs is not commercially practical, to Avery Dennison's issuing Purchaser a credit reasonable in light of the defect in the Product.

Avery Dennison further warrants that Avery Dennison→ T-9000 & W-9000 microprismatic reflective sheeting will retain its effectiveness as a component of traffic control and guidance signs, and will meet the stated minimum values for coefficient of retroreflection ("Performance Warranty") as set forth in accordance with the following standards:

Warranty Period*	Minimum Percentage R _s Retained
1-7 years	80%
8-12 years	70%

*Performance Warranty Period for Work Zone products is one to three (1-3) years

**Performance Warranty Period for Fluorescent Yellow and Fluorescent Yellow-Green is ten (10) years

Note: For transparent color screen printed areas using Avery Dennison supplied or approved inks or OL-2000 Overlay films on Avery Dennison→ T-9500 white sheeting, values shall be a minimum of 70% of values in Table A

R_s percentage retained above apply to all entrance and observation angles in Table A, and shall be measured per ASTM E 810.

All measurements shall be made after cleaning according to Avery Dennison procedures.

CONDITIONS:

This warranty shall be effective only if all of the following conditions are met:

Fabrication and/or installation must occur within one (1) year from the date of purchase.

The failure must have resulted solely from a manufacturing defect or deterioration of the Product due to natural causes under the Performance Warranty. Without limiting the generality of the foregoing, there is no warranty for the failure of the sheeting due to improper sign fabrication, storage, handling, installation, maintenance, failure of the sign substrate, vandalism or mischief. Slight color fading, cracking, chalking, edge lifting, or slight reduction in gloss or reflectivity will not materially detract from appearance and does not constitute a breach of warranty.

Avery Dennison has published instructional bulletins pertaining to the storage, handling, and cleaning of Product, approved substrates, and application procedures (collectively, the "Procedures"). The Product must have been processed and applied to blank, clean material in accordance with the Procedures, as such may be amended from time to time. Avery Dennison reserves the right to reject any warranty claim where the fabricator or installer cannot satisfactorily prove or demonstrate that the Avery Dennison procedures were utilized. The date of installation, warranty registration, and claim procedures established by Avery Dennison must be followed, and failure to follow such procedures shall void this warranty. Replacement Product carries only the unexpired warranty portion of the Product it replaces. The Product must be properly stored and applied within the shelf-life as stated in the applicable Avery Dennison Product Data Sheet including adhesive and other material product data sheets.

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Product Data Sheet

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Reflective Solutions
7542 North Natchez Ave.
Niles, IL 60714



www.reflectives.averydennison.com

Avery Dennison® OmniView™ T-9000 & W-9000 Series

Premium Microprismatic Retroreflective Film

Issued: February 2017

Characteristics:

Property	Value	Instructional Bulletins
Shelf-Life	1 year from date of purchase when stored at the following conditions; 65°-75°F (18°-24°C) and 50% ± 5% R.H.	#8.00
Typical film Caliper	17.5 – 19 mils (444 – 483µ) Fluorescent Orange: 15.5 – 16.5 mils (394 - 419 µ)	NA
Min. Application Temperature	50° F (10° C)	#8.10
Service Temperature	-10°F to +150°F (-23°C to + 65°C)	#8.00
Screen Printing	Long term durability of screen printing in combination with OmniView Series is warranted when used with approved inks and overlays. See Page 7.	#8.30 #8.55
Eco Solvent Inkjet Printing	Long term durability of inkjet printing in combination with OmniView Series is warranted when used with approved inks and printer systems. See Page 7.	TrafficJet™ Print System
Thermal Transfer Printing	Long term durability of thermal transfer printing in combination with OmniView Series is warranted when used with approved ribbons and printer systems. See Page 7.	#8.60

ADDITIONAL LIMITATIONS

Unintended Use: This warranty only applies to Product that is used by professional converters and installers for the defined end uses and in the combinations described in the applicable Avery Dennison Product Data Sheets and Instructional Bulletins. For any other use, the user is responsible for determining the suitability of the Product, and for any and all risk or liability associated with that use or application, and the user agrees to indemnify, defend and hold harmless Avery Dennison for any claims, losses, damages, judgments, expenses and/or expenses, including attorneys fees, resulting from such use or application. This warranty is expressly conditioned on the Product being processed by professional converters or installers in accordance with the Avery Dennison recommended written processing instructions, and being applied to properly prepared surfaces and cleaned and maintained in accordance with recommended Avery Dennison procedures. It is the converters, installers or other users responsibility to perform incoming raw material quality inspections, to assure proper surface preparation and that approved application procedures are followed, to retain converted samples, and to immediately cease using and notify Avery Dennison and/or its authorized agent or distributor of any Product, Materials and/or finished Product discovered to be (or reasonably capable of being discovered to be) defective.

Misuse and Force Majeure: Avery Dennison has no obligations or liability under this warranty with respect to Product that has been altered, modified, damaged, misused, abused, subject to accident, neglected or otherwise mishandled or improperly processed or installed. Product is not warranted against premature failure caused by chemical, environmental or mechanical means such as, but not limited to, vandalism, cleaning solutions, paints, solvents, moisture, temperature, mechanical washing equipment, engine fuel spills, engine exhaust, steam, organic solvents or other spilled chemicals pollutants, including industrial and volcanic ash. Damage from fire, structural failure, lightning, accidents, and other force majeure events are not covered by this warranty.

Third Party Product: Avery Dennison assumes no responsibility for any injury, loss or damage arising out of the use of a product that is not of our manufacture. Where installer or converter uses or reference is made to a commercially available product, made by another manufacturer, it shall be the responsibility of the user, installer or converter to ascertain the precautionary measures for its use outlined by the manufacturer.

The remedies provided under this warranty are exclusive. In no event shall Avery Dennison be responsible for any direct, indirect, incidental or consequential damages or specific relief whether foreseeable or not, caused by defects in such Product, whether such damage occurs or is discovered before or after replacement or credit, and whether or not such damage is caused by Avery Dennison's negligence. In no event shall Avery Dennison's liability hereunder exceed the remedies specifically set forth in this warranty. Avery Dennison's liability shall be limited, at Avery Dennison's option, to the purchase price, replacement of the defective Product and in some cases when authorized by Avery Dennison the repair and replacement of the defective Product.

THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHERS. ANY AND ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED. NO WAIVER, ALTERATION, ADDITION OR MODIFICATION OF THE FOREGOING CONDITIONS SHALL BE VALID UNLESS MADE IN WRITING AND MANUALLY SIGNED BY AN OFFICER OF AVERY DENNISON.

Product Data Sheet

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Reflective Solutions
7542 North Natchez Ave.
Niles, IL 60714



www.reflectives.averydennison.com

Avery Dennison® OmniView™ T-9000 & W-9000 Series

Premium Microprismatic Retroreflective Film

Issued: February 2017

Converting Information:

The following Avery Dennison literature will provide information to the user for proper application, storage, and other requirements. Find the latest information on the Avery Dennison website, www.reflectives.averydennison.com. We encourage you to check our website periodically for updates.

Approved Screen Printing Inks, Overlays, and Printing Systems:

Supplier	Series	System	Instructional Bulletins
Avery Dennison	4930 Inks	1 Part Solvent	#8.40
Avery Dennison	UVTS Nazdar	UV	#8.38
Avery Dennison	OL-2000	Acrylic Overlay	#8.01, #8.10, #8.25
Avery Dennison	OL-1000	Anti-Graffiti	#8.01, #8.10
Matan	DTS	Thermal Transfer*	#8.60
Avery Dennison	TrafficJet™ 1638 - 8 Color	Eco Solvent Inkjet*	TrafficJet™ Print System

* See Instructional Bulletin for overlay requirements

Instructional Bulletins:

Film Care & Handling	#8.00
Substrate Requirements	#8.01
Application Techniques for PS Film	#8.10
Cutting Methods	#8.20
Computer Sign Cutting	#8.25
Screen Preparation	#8.30
Troubleshooting Printing & Processing	#8.34
Ink Recommendations Guide	#8.55

Substrates:

The application of Avery Dennison OmniView Series sheeting is limited to properly prepared substrates which differ by product. For traffic products, application is limited to properly prepared Aluminum. For products in the W-9200 line, application is limited to properly prepared wood. Users are urged to carefully evaluate, under actual use conditions, any film application to other substrates. Failure of film caused by other substrates, materials, contamination, or improper surface preparation is not the responsibility of Avery Dennison. See Instruction Bulletin #8.01 for full details on substrate requirements.

DEFINITIONS

Durability: means that the Product in a finished graphic, panel or sign situated outdoors, subject to the limitations herein and Avery Dennison Product Data Sheets and Instructional Bulletins, and applied to recommended surfaces, will not deteriorate excessively such that the finished sign, panel or graphic is ineffective for its identification when viewed under normal conditions from the intended viewing distance.

Outdoor Durability: is based on normal middle European and central North American outdoor exposure conditions and application to recommended surfaces. Actual performance life will depend on a variety of factors, including but not limited to substrate preparation, exposure conditions and maintenance of the Product and finished graphic, panel or sign. In case the finished graphics, panel or sign is in areas of high temperatures or humidity, in industrially polluted areas or other areas with air laden particulate matter, and/or in high altitudes, Outdoor Durability may be reduced. Please see your local Avery Dennison representative for changes to warranties based on such localized conditions.

Vertical Exposure: means that the face of the finished graphic is $\pm 10^\circ$ from vertical.

Non-Vertical Exposure: means that the face of the finished graphic is greater than 10° from vertical and greater than 5° from horizontal. Retroreflective films are not warranted for this exposure.

Flat surfaces: means a two dimensional flat surface without protruding objects.

Weathering Effects: Some degradation of Product performance over time is considered normal wear. Slight color fading, chalking, edge lifting, or slight reduction in gloss or reflectivity due to normal wear exposure and other natural weathering, environmental or other conditions or damage caused by tornadoes, hurricanes, wind, excessive ice buildup or extraordinary frozen particulate conditions, large hail stones or other acts of God, do not constitute a breach of warranty or give rise to any liability by Avery Dennison.

Printing, Curing and Ink Defects: Ink contaminations, failures or other defects, or other failures due to improper printing conditions or settings including, but not limited to, unsuitable color calibration, incorrect ICC color profile or incompatible printing, do not constitute a breach of warranty. Product failure caused by ink over-saturation, excessive or under curing, failure of ink to render desired colors on Product, or other treatment or processing errors are not warranted.

Adhesion to Application Surfaces: This warranty does not cover the Product if the application surface is not properly prepared; nor does the warranty cover the Product or damage to the substrate because the layers of the substrate separate due to a lower bond between those layers than the bond between the Product and the top layer of the substrate, or surfaces which subsequently crack, peel, outgas, or become damaged beneath the Product

INDEPENDENT TESTING REQUIRED

All statements, technical information and recommendations about Avery Dennison products are based upon tests and information believed to be reliable but do not constitute a guarantee or warranty of any kind. All Avery Dennison products are sold with the understanding that Purchaser has independently determined the suitability of such products for its intended and other purposes. Avery Dennison, OmniView and the logo are registered trademarks or tradenames of Avery Dennison Corp. © 2011 All Rights Reserved.

Product Data Sheet

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Reflective Solutions
7542 North Natchez Ave.
Niles, IL 60714



www.reflectives.averydennison.com

Avery Dennison® SC 900 Super Cast Series

Opaque Hi Tack Kraft & StaFlat™

Revision: 2 Dated: 07/23/15

Uses:

Avery Dennison® SC 900 Super Cast Hi Tack are premium quality, flexible, opaque solid color high gloss vinyl films with a proprietary adhesive system designed for use in demanding applications. The adhesive system is ideally suited for use on low energy substrates such as plastics, powder coat paints, fiberglass, and painted metal surfaces. This construction provides excellent cutting, weeding, and transferring characteristics for a wide range of outdoor advertising, fleet marking, of outdoor uses where excellent durability, conformability, color and gloss are required.



Face: 2.0 mil (50 microns) high gloss cast film



Adhesive: Hi Tack Permanent Clear, High Performance Acrylic



Liner: 83# Kraft or 90# StaFlat



Durability: Up to 12 years

Application Surfaces:

Flat, Flat with Rivets, Corrugations, Deep Recesses.

Features:

- Superior conformability to irregular surfaces:
 - Deeply concave shaped
 - Extremely convex shaped
 - Compound (concave & convex) shaped
 - Best performance on rivets
 - Best performance in channels
- Outstanding durability and outdoor performance
- Dimensionally stable liner for easy converting
- High gloss finish
- Excellent conversion on CAD plotters
- Excellent UV, temperature, humidity, and salt-spray resistance
- Custom colors available (contact your sales representative)
- Specialty adhesive for use on difficult substrates like powder coat paint and plastics

Conversion:

- Thermal Die-Cutting
- Flat Bed Sign-Cut
- Drum Roller Sign-Cut
- Steel Rule Die-Cutting
- Thermal Transfer
- Screen Printing (StaFlat)

Common Applications:

- Trucks
- Trailers
- Cars & Vans
- Marine
- Emergency Vehicle
- Trains & Rail
- Buses
- Architectural Signage
- Outdoor Advertising
- Way finding Signage
- Recreational Vehicles

Product Data Sheet

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Graphics
Solutions

graphics@averydennison.com
Customer Service: 800-282-8379

Avery Dennison® SC 900 Super Cast Series

Opaque Hi Tack Kraft & StaFlat™

Revision: 2 Dated: 07/23/15

Physical Characteristics:

Property	Typical Value
Caliper, face	2.0 mil (50µm)
Caliper, adhesive	1.0mil (25 µm)
Dimensional stability	<0.015"(0.4mm)
Tensile at Yield	4.0 - 8.0 lb/in (0.7–1.5 kg/cm)
Elongation	150% min.
Gloss	90 GU
Adhesion (24 hr.)	
LSE Plastics	4.1 lbs/in (718 N/m)
LSE Clearcoats	4.3 lbs/in (753 N/m)
LSE Paints	4.5 lbs/in (788 N/m)
LSE Textured substrates	3.5 lbs/in (613 N/m)
Stainless Steel	5.5 lbs/in (963 N/m)
LSE – Low Surface Energy	
Flammability	Self Extinguishing
Shelf-Life	2 years from date of manufacture when stored at the following temperatures and humidity conditions 68°-77° F (20° - 25° C) and 50±5% R. H.
Durability	Vertical Exposure
	Black & White 12 years
	Colors & Clear Up to 10 years
Min. Application Temperature	40° F (4° C)
Service Temperature	-50° to 180 °F (-45° to 82° C) (Reasonable range of temperatures which would be expected under normal environmental conditions).
Chemical resistance	Resistant to most mild acids, alkalis, and salt solutions.

Data represents average values where applicable, and is not intended for specification purposes.

Warranty:

This Warranty applies to the Product listed in this Data Sheet. All statements, technical information (including physical and chemical characteristics) and recommendations about Avery Dennison products are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold subject to the Purchaser's assent and agreement that Purchaser is responsible for, and has independently determined, the suitability of such products for its purposes or its customer's purposes. Avery Dennison graphics products are warranted to be free from defects in material and workmanship for two years from the date of manufacture. When the product is properly applied, the warranty period is as stated in the product's specific Product Data Sheet in effect at the time of shipment to Avery Dennison's customer.

Such time periods are subject in either case to the proper storing and application of said product, and the failure to properly store or apply the product, including without limitation the failure to follow any applicable Instructional Bulletin, negates any warranty. It is expressly agreed and understood that Avery Dennison's sole obligation and Purchaser's exclusive remedy under this warranty, under any other warranty, express or implied, or otherwise, shall be limited exclusively to: (a) repair or replacement of defective product without charge at Avery Dennison's plant or at the location of the product (at Avery Dennison's election), or (b) in the event repair or replacement are not commercially practical, a credit amount up to the price of the product taking into account the defect in the product in Avery Dennison's sole discretion.

THE WARRANTY EXPRESSLY SET FORTH ABOVE IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR USE AND/OR NON-INFRINGEMENT. SELLER SPECIFICALLY DISCLAIMS AND EXCLUDES ALL OTHER SUCH WARRANTIES. NO WAIVER, ALTERATION, ADDITION OR MODIFICATION OF THE FOREGOING CONDITIONS SHALL BE VALID UNLESS MADE IN WRITING AND MANUALLY SIGNED BY AN OFFICER OF AVERY DENNISON.

AVERY DENNISON'S LIABILITY FOR DEFECTIVE PRODUCTS SHALL NOT EXCEED THE PURCHASE PRICE PAID THEREFORE BY PURCHASER AND IN NO EVENT SHALL AVERY DENNISON BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES WHETHER FORESEEABLE OR NOT, CAUSED BY DEFECTS IN SUCH PRODUCT, WHETHER SUCH DAMAGE OCCURS OR IS DISCOVERED BEFORE OR AFTER REPLACEMENT OR CREDIT, AND WHETHER OR NOT SUCH DAMAGE IS CAUSED BY AVERY DENNISON'S NEGLIGENCE.

All sales and contracts for sale of Products are subject to Purchaser's assent and agreement to this Warranty. Avery Dennison hereby objects to any terms or conditions contained in any purchase order or other communication of any kind from the Purchaser that is conflicting, inconsistent or additional to this Agreement.

Product Data Sheet

Page 2 of 3



Graphics
Solutions

graphics@averydennison.com
Customer Service: 800-282-8379

Avery Dennison® SC 900 Super Cast Series

Opaque Hi Tack Kraft & StaFlat™

Revision: 2 Dated: 07/23/15

Absence of banned substances:

Avery Dennison™ Black, White, and Clear SuperCast films meet the following European Directives.

EU Directive 94/62 on packaging and packaging waste Article 11 : Max. sum of concentration levels of lead, cadmium, mercury and hexavalent chromium: < 100 ppm.

EU Directive 2002/96/EC on restrictions of use of hazardous substances in electrical and electronic equipment Article 4.1: no contents of lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB), polybrominated diphenylethers (PBDE).

EU Directive 2000/53/EC on end-of life of vehicles article 4.2.(a) : no contents of lead, mercury, cadmium or hexavalent chromium.

Revisions are italicized

Avery Dennison is a registered trademark of Avery Dennison Corp.

Product Data Sheet

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Graphics
Solutions

graphics@averydennison.com
Customer Service: 800-282-8379

Avery Dennison® SC950 Super Cast Series

Opaque, Metallic, Ultra Metallic

Opaque Permanent

Revision: 0 Dated: 03/20/18

Uses:

Avery Dennison® SC950 series cast films are premium quality, flexible, opaque solid color high gloss vinyl films designed for use in a wide range of outdoor advertising, fleet marking, of outdoor uses where excellent durability, conformability, color, and gloss are required.



Face: high gloss cast film
opaque - 2.0 mil (50 microns)
metallic - 2.0 mil (50 microns)
ultra metallic - 3.0 mil (76 microns)



Adhesive: Permanent Acrylic
(clear, grey or white)



Liner: 78# Kraft

Application Surfaces: Opaque: Flat, Flat with Rivets, Corrugations, Deep Recesses
Metallic: Flat, Flat with Rivets
Ultra Metallic: Flat

Features:

- Industry-leading weeding*
- Broadest color palette in the industry for color confidence
- Efficient and precise conversion on commercial and craft plotters
- Outstanding durability and color fastness
- High-gloss finish
- Superior conformability for complex, curved surfaces
- Excellent UV, temperature, humidity and salt spray performance
- Pantone® color reference makes design easy
- Custom color matching available

Conversion:

- Thermal Die-Cutting
- Thermal Transfer
- Steel Rule Die-Cut
- Drum Roller Sign-Cut

Common Applications:

- Trucks
- Trailers
- Cars & Vans
- Marine
- Architectural Signage
- Directional Signage
- Emergency Vehicles
- Trains & Light Rail
- Buses
- OEM Durable Decals
- Outdoor Advertising

Product Data Sheet

Page 1 of 6



Graphics
Solutions

www.graphics.averydennison.com
Customer Service: 800-282-8379

Avery Dennison® SC950 Super Cast Series

Opaque, Metallic, Ultra Metallic

Opaque Permanent

Revision: 0 Dated: 03/20/18

Physical Characteristics:

Property	Measurement	Typical Value
Caliper, face		opaque - 2.0 mil (50 microns) metallic - 2.0 mil (50 microns) ultra metallic - 3.0 mil (76 microns)
Caliper, adhesive		1.0 mil (25 µm)
Dimensional stability		<0.015"(0.4 mm)
Tensile at Yield		4.0 - 8.0 lb/in (0.7 - 1.5 kg/cm)
Elongation		150% min.
Gloss	Hunter Gloss @ 60 degrees	90 GU
Adhesion:	15 min 24 hr	3.0 lbs/in (525 N/m) 3.5 lbs/in (613 N/m)
Flammability	Self Extinguishing	
Shelf-Life		2 years from date of manufacture (when stored at the following temperatures and humidity conditions 68°-77° F (20° - 25° C) and 50±5% R. H.)
Durability	Vertical Exposure	Reference color and warranty charts in this data sheet.
Min. Application Temperature		50° F (10° C)
Service Temperature		-40° to 180°F (-40° to 82° C) (Reasonable range of temperatures which would be expected under normal environmental conditions).
Chemical resistance		Resistant to most mild acids, alkalis, and salt solutions

Product Data Sheet

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Graphics
Solutions

www.graphics.averydennison.com
Customer Service: 800-282-8379

Avery Dennison® SC950 Super Cast Series

Opaque, Metallic, Ultra Metallic

Opaque Permanent

Revision: 0 Dated: 03/20/18

Data represents average values where applicable, and is not intended for specification purposes.

Warranty:

This Warranty applies to the Product listed in this Data Sheet. All statements, technical information (including physical and chemical characteristics) and recommendations about Avery Dennison products are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold subject to the Purchaser's assent and agreement that Purchaser is responsible for, and has independently determined, the suitability of such products for its purposes or its customer's purposes. Avery Dennison products are warranted to be free from defects in material and workmanship (i) for two years from the date of manufacture, or (ii) from the date of manufacture until the expiration of the period stated on the specific Product Data Sheet in effect at the time of delivery. Such time periods are subject in either case to the proper storing and application of said product, and the failure to properly store or apply the product, including without limitation the failure to follow any applicable Instructional Bulletin, negates any warranty. It is expressly agreed and understood that Avery Dennison's sole obligation and Purchaser's exclusive remedy under this warranty, under any other warranty, express or implied, or otherwise, shall be limited exclusively to: (a) repair or replacement of defective product without charge at Avery Dennison's plant or at the location of the product (at Avery Dennison's election), or (b) in the event repair or replacement are not commercially practical, a credit amount up to the price of the product taking into account the defect in the product in Avery Dennison's sole discretion.

THE WARRANTY EXPRESSLY SET FORTH ABOVE IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR USE AND/OR NON-INFRINGEMENT. SELLER SPECIFICALLY DISCLAIMS AND EXCLUDES ALL OTHER SUCH WARRANTIES. NO WAIVER, ALTERATION, ADDITION OR MODIFICATION OF THE FOREGOING CONDITIONS SHALL BE VALID UNLESS MADE IN WRITING AND MANUALLY SIGNED BY AN OFFICER OF AVERY DENNISON.

AVERY DENNISON'S LIABILITY FOR DEFECTIVE PRODUCTS SHALL NOT EXCEED THE PURCHASE PRICE PAID THEREFORE BY PURCHASER AND IN NO EVENT SHALL AVERY DENNISON BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES WHETHER FORESEEABLE OR NOT, CAUSED BY DEFECTS IN SUCH PRODUCT, WHETHER SUCH DAMAGE OCCURS OR IS DISCOVERED BEFORE OR AFTER REPLACEMENT OR CREDIT, AND WHETHER OR NOT SUCH DAMAGE IS CAUSED BY AVERY DENNISON'S NEGLIGENCE.

All sales and contracts for sale of Products are subject to Purchaser's assent and agreement to this Warranty. Avery Dennison hereby objects to any terms or conditions contained in any purchase order or other communication of any kind from the Purchaser that is conflicting, inconsistent or additional to this Agreement.

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Related Documents:

The following Avery Dennison literature will provide necessary information to the user for proper application, storage, and other requirements and is available upon request from your Avery Dennison representative or from the Avery Dennison website (www.graphics.averydennison.com).

Document Title	Reference Number
Substrate Cleaning and Preparation	Instructional Bulletin # 1.10
Storage, Maintenance and Cleaning of PVC Films	Instructional Bulletin # 1.20
Durability of Films	Instructional Bulletin # 1.30
Converting Tips for Sign Films	Instructional Bulletin # 2.10
Application Instructions for Avery Dennison® Films	Instructional Bulletin # 4.00
Removal Instructions for Avery Cast, Calendered, Reflective, and Polyester Films	Instructional Bulletin # 4.10
Thermal Transfer Printing, Converting, Operating, and Product Instructions	Instructional Bulletin # 5.10
Tips for Overlaminating, Premasking & Packaging Graphics	Instructional Bulletin # 5.50
Stainless Steel Application Outdoor Durability	Instructional Bulletin # 6.80

Colors & Expected Durability

Vertical Durability for Zone 1 vertical applications is noted in the chart below. Color samples are available from samples.graphics@averydennison.com, or through your sales or customer service contact. Reference Instructional Bulletin 1.30 for zones by geographic location.

NOTE: Some color fade may occur in severe environmental areas. Reference IB 1.30 for durability guidelines.

Colors Cross Reference - Opaque:

SC950 Series Name	Vertical Durability Zone 1 Years	SC950 Series Name	Vertical Durability Zone 1 Years
SC950-101-O White (blue liner)	10	SC950-102-O Matte White (blue liner)	10
SC950-103-O Clear	10	SC950-104-O Matte Clear	10
SC950-105-O True White (blue liner)	10	SC950-108-O Cover White	10
SC950-180-O Matte Black	10	SC950-190-O Black	10
SC950-206-O Pantone® Proc Yellow C (pigmented adhesive)	8	SC950-210-O Primrose Yellow	8
SC950-215-O Gold	4	SC950-220-O Canary Yellow	8
SC950-225-O Rubber Duckie	8	SC950-230-O Medium Yellow (pigmented adhesive)	8
SC950-235-O Yellow (pigmented adhesive)	8	SC950-240-O Sunflower Yellow (pigmented adhesive)	8
SC950-250-O Dark Yellow	8	SC950-253-O Imitation Gold	8
SC950-315-O Tangerine	8	SC950-355-O Apricot	8
SC950-360-O Orange	8	SC950-362-O Pantone® 021 C (pigmented adhesive)	8
SC950-380-O Bright Orange	8	SC950-405-O Pantone® 1797 C (pigmented adhesive)	8
SC950-417-O Real Red	8	SC950-418-O Luminous Red (pigmented adhesive)	8
SC950-425-O Tomato Red	8		8

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Avery Dennison® SC950 Super Cast Series

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Revision: 0 Dated: 03/20/18

SC950-430-O Cardinal Red	8	SC950-440-O Red	8
SC950-445-O Fire Red (pigmented adhesive)	8	SC950-450-O Dark Red	8
SC950-460-O Spectra Red (pigmented adhesive)	8	SC950-470-O Burgundy	8
SC950-480-O Burgundy Maroon	8	SC950-508-O Soft Pink	8
SC950-513-O Pantone® Violet C (pigmented adhesive)	8	SC950-515-O Blossom (pigmented adhesive)	8
SC950-519-O Blush (pigmented adhesive)	8	SC950-530-O Magenta	8
SC950-565-O Purple	8	SC950-570-O Berry	8
SC950-575-O Lavender	8	SC950-620-O Shade Blue	8
SC950-625-O Majestic Blue	8	SC950-626-O Pantone® 285 C (pigmented adhesive)	8
SC950-628-O Pantone® 286 C (pigmented adhesive)	8	SC950-630-O Olympic Blue	8
SC950-635-O Nautical Blue	8	SC950-640-O Light Blue	8
SC950-642-O Cascade Blue	8	SC950-645-O Peacock Blue	8
SC950-650-O Powder Blue	8	SC950-652-O Butterfly Blue	8
SC950-655-O Medium Blue	8	SC950-659-O Pantone® 293 C (pigmented adhesive)	8
SC950-665-O Intense Blue	8	SC950-670-O Vivid Blue	8
SC950-675-O Interstate Blue	8	SC950-678-O Pantone® 300 C (pigmented adhesive)	8
SC950-679-O Pantone® Reflex Blue C (pigmented adhesive)	8	SC950-680-O Sapphire Blue	8
SC950-682-O Pantone® Process Blue C (pigmented adhesive)	8	SC950-683-O Royal Blue (pigmented adhesive)	8
SC950-687-O Impulse Blue	8	SC950-690-O Light Navy	8
SC950-695-O Dark Blue	8	SC950-705-O Dark Aqua	8
SC950-715-O Real Teal	8	SC950-720-O Teal	8
SC950-726-O Pantone® 354 C (pigmented adhesive)	8	SC950-730-O Dark Teal	8
SC950-734-O Pantone® 375 C (pigmented adhesive)	8	SC950-760-O Apple Green	8
SC950-765-O Olive Green	8	SC950-770-O Kelly Green	8
SC950-772-O Grow Green	8	SC950-775-O Bright Green	8
SC950-778-O Green	8	SC950-780-O Yellow Green	8
SC950-785-O Forest Green	8	SC950-790-O Deep Green	8
SC950-793-O Dark Green	8	SC950-804-O Pewter	8
SC950-810-O Light Gray	8	SC950-817-O Silver	4
SC950-820-O Palm Oyster	8	SC950-825-O Light Ash Gray	8
SC950-830-O Slate Gray	8	SC950-835-O Medium Gray	8
SC950-855-O Dark Gray	8	SC950-870-O Battleship Gray	8
SC950-910-O Almond	8	SC950-920-O Beige	8
SC950-921-O Dark Beige	8	SC950-960-O Terra Cotta	8
SC950-965-O Sandstone	8	SC950-970-O Buckskin	8
SC950-978-O Cocoa	8	SC950-983-O Dark Brown	8
SC950-990-O Chocolate Brown	8		

NOTE: Some color fade may occur in severe environmental areas. Reference IB 1.30 for durability guidelines.

Colors Cross Reference - Metallic:

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Avery Dennison® SC950 Super Cast Series

Opaque, Metallic, Ultra Metallic

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SC950 Series Name	Vertical Durability Zone 1 Years	SC950 Series Name	Vertical Durability Zone 1 Years
SC950-109-M White Pearlescent	5	SC950-190-M Black	5
SC950-207-M Champaign Mist	5	SC950-213-M Bright Gold	4
SC950-215-M Gold	4	SC950-217-M Light Gold	4
SC950-441-M Red	5	SC950-455-M Autumn Maple	5
SC950-641-M Mist Blue	5	SC950-646-M Bright Blue	5
SC950-647-M Electric Blue	5	SC950-651-M Grand Blue	5
SC950-653-M Dark Royal Blue	5	SC950-683-M Royal Blue	5
SC950-779-M Hunter Green	5	SC950-801-M Silver Metallic	5
SC950-804-M Pewter	5	SC950-805-M Charcoal	5
SC950-806-M Gunmetal	5	SC950-808-M Medium Charcoal	5
SC950-809-M Dark Charcoal	5	SC950-869-M Pantone 877C	5
SC950-923-M Lt Briar Brown	5	SC950-928-M Antique Bronze	5
SC950-930-M Bronze	5	SC950-932-M Copper	5

NOTE: Some color fade may occur in severe environmental areas. Reference IB 1.30 for durability guidelines.

Colors Cross Reference - Ultra Metallic:

SC950 Series Name	Vertical Durability Zone 1 Years	SC950 Series Name	Vertical Durability Zone 1 Years
SC950-160-M White Sparkle	4	SC950-195-M Ultra Black	5
SC950-219-M Ultra Gold	4	SC950-481-M Ultra Red	5
SC950-585-M Ultra Rose Quartz	5	SC950-779-M Ultra Blue	5
SC950-877-M Ultra Silver	5		

NOTE: Some color fade may occur in severe environmental areas. Reference IB 1.30 for durability guidelines.

Special Considerations:

Because of the unique properties and varieties of glass, special considerations must be considered for windows and graphic applications. Avery Dennison accepts no liability for glass breakage.

- Glass absorbs heat when exposed to sunlight. The degree of absorption across windows can vary because of shading, heating, and cooling ventilation, and insulation from window frames. These temperature differences across the window produce stress, which can cause glass breakage. The ability of glass to resist breakage because of temperature stress is affected by window size, glass thickness, glass treatments, quality, and design.
- Window cleaning methods also vary, from the type of cleaners used, to the washing methods employed. Specific chemicals used in window cleaners may affect the adhesion of pressure-sensitive graphics. Power washing methods may impact the adhesion of graphics, if the water pressure or temperature exceeds the graphics adhesion capability.

Revisions are italicized

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Graphics
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www.graphics.averydennison.com
Customer Service: 800-282-8379

Avery Dennison® OL-1000/OL-2000 Series Transparent Overlay Film

Issued: November 2016

Avery Dennison® OL-2000 Series Acrylic Transparent Overlay Film is ideal for use in manufacturing traffic control devices and guidance signage. OL-2000 Series is a quality, durable, electronic computer cuttable film that is designed to be laminated over Avery Dennison retroreflective films.

Avery Dennison® OL-1000 Anti Graffiti film is a high quality, clear, pressure-sensitive overlaminated film designed to protect finished signs. Laminate OL-1000 Anti Graffiti film over signs with ink printed systems or electronic cut overlay films to protect from vandalism and solvents. Most types of graffiti can be cleaned from the surface of this film.



Performance:
Same as underlying base sheeting



Durability: Same as retroreflective film to which it is applied



Face:
OL-1000: Fluoropolymer
OL-2000: Acrylic



Adhesive: Permanent Pressure Sensitive



Liner: Friction Coated Film or Paper

Features:

- High clarity product for use with Avery Dennison Reflective Sheeting
- Field proven long term durability on safety devices worldwide
- Uniform daytime and nighttime visual appearance
- Conforms to specifications of base reflective sheeting

Conversion:

- Designed to be used with Avery Dennison Reflective Films
- Designed to be used as part of the Integrated Component System of Avery Dennison Reflective Materials
- Flat Bed Sign-Cut
- Drum Roller Sign-Cut
- Steel Rule Sign-Cut

Applications:

- Rigid Permanent and Temporary Outdoor Signage
- Rigid Work Zone Devices

Product Availability:

OL-1000	Anti-Graffiti
OL-2000	Clear
OL-2001	Yellow
OL-2003	Black
OL-2004	Orange
OL-2005	Blue
OL-2007	Green
OL-2008	Red
OL-2009	Brown
OL-2023	Purple
OL-2025	Dark Blue
OL-2027	Dark Green

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Reflective Solutions
7542 North Natchez Ave.
Niles, IL 60714



www.reflectives.averydennison.com

Avery Dennison[®] OL-1000/OL-2000 Series Transparent Overlay Film

Issued: November 2016

Colors and Specification Limits:

Figure A: Daytime Color

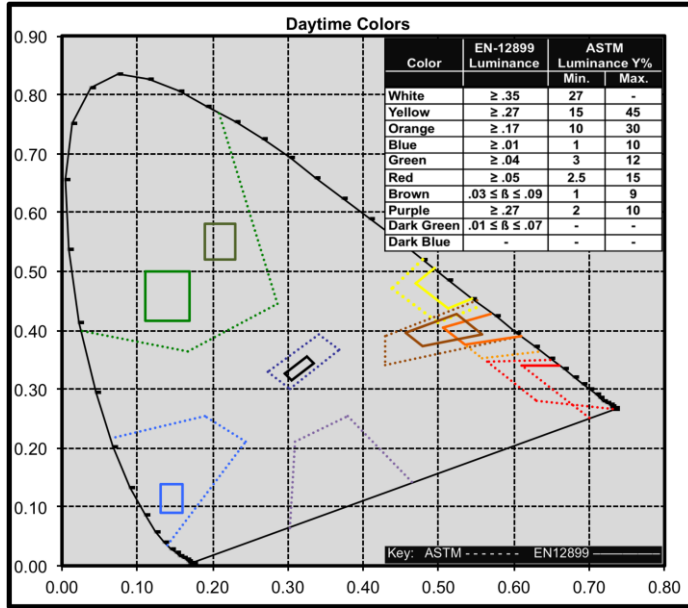
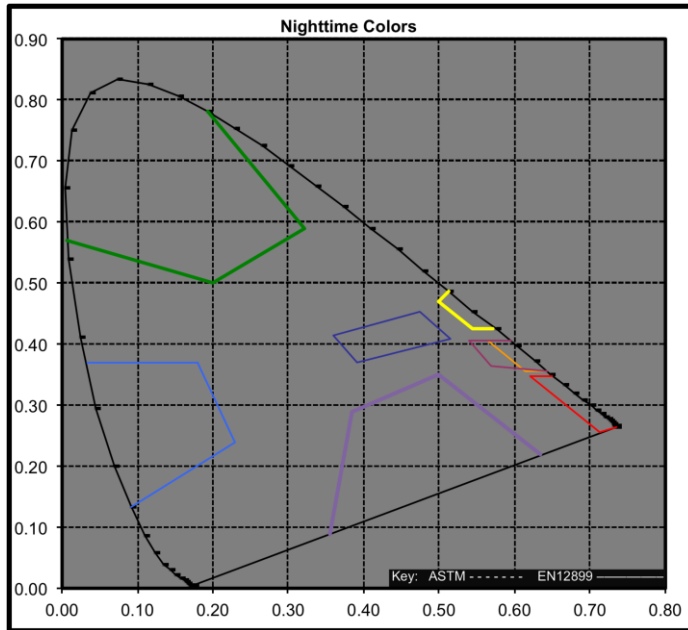


Figure B: Nighttime Color



OL-2000 Series Overlay Films meet the current applicable daytime and nighttime color requirements for ASTM D4956 and EN 12889.

Chromaticity Coordinate Limits

Figures A & B show the four pairs of chromaticity coordinates from ASTM D4956 and EN 12889 on the color grid.

Daytime Color

The four pairs of chromaticity coordinates in Figure A determine the acceptable color in terms of the CIE 1931 Standard Colorimetric System measured with Standard Illuminant D65 and CIE Publication no. 15 using CIE Standard Illuminant D65 and CIE 45/0 geometry. Luminance factor shall comply with table in Figure A.

Note: The saturation limit of green and blue may extend to the border of the CIE chromaticity locus for spectral colors

Nighttime Color

The four pairs of chromaticity coordinates in Figure B determine the acceptable color measured using CIE Illuminant A, observation angle of 0.33 degrees, entrance angle of +5 degrees, source and receiver apertures not to exceed 10 minutes of arc, and CIE 1930 (2 degree) standard observer per ASTM D4956.

Avery Dennison® OL-1000/OL-2000 Series Transparent Overlay Film

Issued: November 2016

Characteristics:

Property	Value	Instructional Bulletins
Shelf-Life	1 year from date of purchase when stored at the following conditions; 65°-75°F (18°-24°C) and 50% ± 5% R.H.	#8.00
Typical film Caliper	OL-1000: 1.7 – 2.7 mils (43 - 69 μ) OL-2000: 4 mils (100μ)	NA
Min. Application Temperature	65° F (18° C)	#8.10
Service Temperature	-10°F to +150°F (-23°C to + 65°C)	#8.00
Minimum Adhesion Values (OL-1000 Only)	180° Peel	NA
	Substrate 15 min. Stainless Steel: 1.25 lb./in (15 min 180°) Always pre-test your specific substrate prior to actual application.	
Dimensional Stability (OL-1000 Only)	MD 3% Shrinkage, CD 3.5% Shrinkage	NA

Solvent Resistance (OL-1000):

When properly processed and applied, the film is resistant to most common solvents. When tested according to LS-300C, Section 3.6.2, immersion in the following solvents for the specified length of time the film shows no deterioration:

Kerosene	10 minutes
Turpentine	10 minutes
Toluene	1 minute
Xylene	1 minute
Methyl Alcohol	1 minute

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Reflective Solutions
7542 North Natchez Ave.
Niles, IL 60714

WARRANTY

Avery Dennison OL-1000 & OL-2000 Overlay Films ("Products") are warranted to be free from defects in material and workmanship for one (1) year from date of purchase (or the period stated on the specific product information literature in effect at time of delivery, if longer). It is expressly agreed and understood that Avery Dennison's sole obligation and Purchaser's exclusive remedy under this warranty, under any other warranty, express or implied, or otherwise, shall be limited to repair or replacement of defective Product without charge at Avery Dennison's plant or at the location of Product (at Avery Dennison's election), or in the event replacement or repairs is not commercially practical, to Avery Dennison's issuing Purchaser a credit reasonable in light of the defect in the Product.

CONDITIONS

This warranty shall be effective only if all of the following conditions are met.

Fabrication and/or installation must occur within one (1) year from the date of purchase.

The failure must have resulted solely from a manufacturing defect or deterioration of the Product due to natural causes under the Performance Warranty. Without limiting the generality of the foregoing, there is no warranty for the failure of the sheeting due to improper sign fabrication, improper storage, handling, installation, maintenance, failure of the sign substrate, vandalism or mischief. Slight color fading, cracking, chalking, edge lifting, or slight reduction in gloss or reflectivity will not materially detract from appearance and does not constitute a breach of warranty.

Avery Dennison has published instructional bulletins pertaining to the storage, handling, and cleaning of Product, approved substrates, and application procedures (collectively, the "Procedures"). The Product must have been processed and applied to blank, clean material in accordance with the Procedures, as such may be amended from time to time. Avery Dennison reserves the right to reject any warranty claim where the fabricator or installer cannot satisfactorily prove or demonstrate that the Avery Dennison procedures were utilized. The date of installation, warranty registration, and claim procedures established by Avery Dennison must be followed, and failure to follow such procedures shall void this warranty. Replacement Product carries only the unexpired warranty portion of the Product it replaces. The Product must be properly stored and applied within the shelf-life as stated in the applicable Avery Dennison Product Data Sheet including adhesive and other material product data sheets.

ADDITIONAL LIMITATIONS

Unintended Use: This warranty only applies to Product that is used by professional converters and installers for the defined end uses and in the combinations described in the applicable Avery Dennison Product Data Sheets and Instructional Bulletins. For any other use, the user is responsible for determining the suitability of the Product, and for any and all risk or liability associated with that use or application, and the user agrees to indemnify, defend and hold harmless Avery Dennison for any claims, losses, damages, judgments, expenses and/or expenses, including attorneys fees, resulting from such use or application. This warranty is expressly conditioned on the Product being processed by professional converters or installers in accordance with the Avery Dennison recommended written processing instructions, and being applied to properly prepared surfaces and cleaned and maintained in accordance with recommended Avery Dennison procedures. It is the converters, installers or other users responsibility to perform incoming raw material quality inspections, to assure proper surface preparation and that approved application procedures are followed, to retain converted samples, and to immediately cease using and notify Avery Dennison and/or its authorized agent or distributor of any Product, Materials and/or finished Product discovered to be (or reasonably capable of being discovered to be) defective.

Misuse and Force Majeure: Avery Dennison has no obligations or liability under this warranty with respect to Product that has been altered, modified, damaged, misused, abused, subject to accident, neglected or otherwise mishandled or improperly processed or installed. Product is not warranted against premature failure caused by chemical, environmental or mechanical means such as, but not limited to, vandalism, cleaning solutions, paints, solvents, moisture, temperature, mechanical washing equipment, engine fuel spills, engine exhaust, steam, organic solvents or other spilled chemicals pollutants, including industrial and volcanic ash. Damage from fire, structural failure, lightning, accidents, and other force majeure events are not covered by this warranty.

Third Party Product: Avery Dennison assumes no responsibility for any injury, loss or damage arising out of the use of a product that is not of our manufacture. Where installer or converter uses or reference is made to a commercially available product, made by another manufacturer, it shall be the responsibility of the user, installer or converter to ascertain the precautionary measures for its use outlined by the manufacturer.

INDEPENDENT TESTING REQUIRED

All statements, technical information and recommendations about Avery Dennison products are based upon tests and information believed to be reliable but do not constitute a guarantee or warranty of any kind. All Avery Dennison products are sold with the understanding that Purchaser has independently determined the suitability of such products for its intended and other purposes.



www.reflectives.averydennison.com

Avery Dennison[®] OL-1000/OL-2000 Series Transparent Overlay Film

Issued: November 2016

Converting Information:

The following Avery Dennison literature will provide information to the user for proper application, storage, and other requirements. Find the latest information on the Avery Dennison website, www.reflectives.averydennison.com. We encourage you to check our website periodically for updates.

OL-2000 Series Clear is designed for use with Matan printed reflective sheeting.

Instructional Bulletins:

Film Care & Handling	#8.00
Substrate Requirements	#8.01
Application Techniques for PS Film	#8.10
Cutting Methods	#8.20
Computer Sign Cutting	#8.25
Matan Thermal Transfer Printing	#8.60

Substrates:

The application of Avery Dennison OL-1000/OL-2000 Overlay Film Series sheeting is limited to properly prepared Avery Dennison reflective film. Users are urged to carefully evaluate, under actual use conditions, any film application to other substrates. Failure of film caused by other substrates, materials, contamination, or improper surface preparation is not the responsibility of Avery Dennison. See Instruction Bulletin #8.01 for full details on substrate requirements.

Cleaning Instructions for OL-1000:

Avery Dennison OL-1000 Premium Anti-Graffiti film can be cleaned when defaced with most common graffiti materials. Cleaning is accomplished through the use of a mild graffiti cleaning solvent and should be tested on an inconspicuous area prior to complete treatment.

Materials Required	Action Item
Mild graffiti removal solvent	Generously apply solvent to the entire defaced area Allow the Solvent to set on the material for a period of one minute.
Non-abrasive paper towel	Wipe the solvent and graffiti from the affected area.
Mild graffiti removal solvent Non-abrasive nylon scouring pad	If necessary, reapply the solvent for a period of two minutes on heavily affected areas. Remove with a paper towel then nylon non-abrasive scouring pad.
Paper towel & water	Remove solvent residue with water and a non-abrasive paper towel.

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7542 North Natchez Ave.
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The remedies provided under this warranty are exclusive. In no event shall Avery Dennison be responsible for any direct, indirect, incidental or consequential damages or specific relief whether foreseeable or not, caused by defects in such Product, whether such damage occurs or is discovered before or after replacement or credit, and whether or not such damage is caused by Avery Dennison's negligence. In no event shall Avery Dennison's liability hereunder exceed the remedies specifically set forth in this warranty. Avery Dennison's liability shall be limited, at Avery Dennison's option, to the purchase price, replacement of the defective Product and in some cases when authorized by Avery Dennison the repair and replacement of the defective Product.

THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHERS. ANY AND ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED. NO WAIVER, ALTERATION, ADDITION OR MODIFICATION OF THE FOREGOING CONDITIONS SHALL BE VALID UNLESS MADE IN WRITING AND MANUALLY SIGNED BY AN OFFICER OF AVERY DENNISON.

DEFINITIONS

Durability: means that the Product in a finished graphic, panel or sign situated outdoors, subject to the limitations herein and Avery Dennison Product Data Sheets and Instructional Bulletins, and applied to recommended surfaces, will not deteriorate excessively such that the finished sign, panel or graphic is ineffective for its identification when viewed under normal conditions from the intended viewing distance.

Outdoor Durability: is based on normal middle European and central North American outdoor exposure conditions and application to recommended surfaces. Actual performance life will depend on a variety of factors, including but not limited to substrate preparation, exposure conditions and maintenance of the Product and finished graphic, panel or sign. In case the finished graphics, panel or sign is in areas of high temperatures or humidity, in industrially polluted areas or other areas with air laden particulate matter, and/or in high altitudes, Outdoor Durability may be reduced. Please see your local Avery Dennison representative for changes to warranties based on such localized conditions.

Vertical Exposure: means that the face of the finished graphic is $\pm 10^\circ$ from vertical.

Non-Vertical Exposure: means that the face of the finished graphic is greater than 10° from vertical and greater than 5° from horizontal. Retroreflective films are not warranted for this exposure.

Flat surfaces: means a two dimensional flat surface without protruding objects.

Weathering Effects: Some degradation of Product performance over time is considered normal wear. Slight color fading, chalking, edge lifting, or slight reduction in gloss or reflectivity due to normal wear exposure and other natural weathering, environmental or other conditions or damage caused by tornadoes, hurricanes, wind, excessive ice buildup or extraordinary frozen particulate conditions, large hail stones or other acts of God, do not constitute a breach of warranty or give rise to any liability by Avery Dennison.

Printing, Curing and Ink Defects: Ink contaminations, failures or other defects, or other failures due to improper printing conditions or settings including, but not limited to, unsuitable color calibration, incorrect ICC color profile or incompatible printing, do not constitute a breach of warranty. Product failure caused by ink over-saturation, excessive or under curing, failure of ink to render desired colors on Product, or other treatment or processing errors are not warranted.

Adhesion to Application Surfaces: This warranty does not cover the Product if the application surface is not properly prepared; nor does the warranty cover the Product or damage to the substrate because the layers of the substrate separate due to a lower bond between those layers than the bond between the Product and the top layer of the substrate, or surfaces which subsequently crack, peel, outgas, or become damaged beneath the Product

If any court of competent jurisdiction or relevant government agency holds any provision of this warranty and limitation of liability to be illegal, void, invalid or unenforceable, whether in terms of any competition, legislation or otherwise, such provision shall be deleted and severable from this warranty and limitation of liability but deletion shall not affect the validity or enforceability of any other provisions hereof.

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The NEW, universal clear application tape for maximum versatility & precision

Clear Choice® is an ultra-clear, application tape that provides exceptional performance and versatility for the widest range of sign applications.

AT60n Low Tack

A Low Tack film for transferring large cut graphics and protecting digital prints.

AT65 High Tack

Universal high tack film for transferring small and fine detail cut graphics and vinyl films with tight release liners.

AT75.1 High Tack

Embossed surface film ideal for small to medium size cut graphics, with air-egress micro channels for bubble-free lamination of tape to film.

New! Product Improvements

- Enhanced Adhesion
- Improved release liner adhesion with Conform characteristics
- Improvements to lifting and transferring graphics
- No adhesive residue with wet applications
- No water whitening upon contact with water/solution

Applications

Textured and matte finish vinyl films
Fine lettering
Textured wrap, window and wall films
Thermal die cuts

Product Information

Clear film
Repositionable
Easy handling and removal
No milky residue and water whitening when used for wet applications

AT60n and AT65

Emboss/Finish:
Fine Texture for easy release/
unwind and installation

AT75.1

Emboss/Finish:
Heavy Surface Texture with
Air Egress Micro tunnels

AT75.1 vs AT60n ▼ See the difference!



Printed on Digital Coated 80# cover on a Ricoh C751EX

TECHNICAL DATA ▶

Physical Properties

Color Transparent
Shelf Life 1 year

	AT60n	AT65	AT75.1
Color	Transparent	Transparent	Transparent
Adhesive	Acrylic	Acrylic	Modified polyacrylate
Caliper	Embossed Polypropylene	Embossed Polypropylene	Embossed HOPE
	3.7 mil (93 μ)	3.7 mil (93.7 μ)	4.25 mil (106.4 μ)
Tack Level	Low	High	High
Adhesion to Steel*	1-4 N/100 mm (1-3 oz.)	2.1-6.5 N/100 mm (2 - 6 oz.)	2.1 N/25 mm (7.5 oz.)
Die-Cut Graphics Size	Large	Small-Med	Small-Med
Wet Application Installation	Good	Excellent	Excellent
Compatible Vinyl	Gloss/Smooth	Gloss/Smooth	Gloss/Smooth and Matte/Textured Vinyl
Tensile	25 MPa (3600 psi)	25 MPa (3600 psi)	13 MPa (2000 psi)
Elongation	750%	750%	300-500%

* TEST METHOD: PSTC-101

WARRANTY Tapes are only warranted to be free of defects in workmanship or materials at time of shipment. Nekoosa will replace or credit any material deemed to be defective. No acceptance or responsibility for loss, damage, or expense, implied or otherwise, shall be assumed by the seller or manufacturer. The end user assumes all risk and liability.



Interchange Corporate Center
450 Plymouth Road, Suite 400
Plymouth Meeting, PA. 19462-1644
Ph. (610) 832-8240

BID BOND

Bond Number: N/A

KNOW ALL MEN BY THESE PRESENTS, that we

AVERY DENNISON CORPORATION - REFLECTIVE SOLUTIONS
7542 N Natchez Avenue, Niles, IL 60714-3804

, as principal (the "Principal"),

and LIBERTY MUTUAL INSURANCE COMPANY, a Massachusetts stock insurance company, as surety (the "Surety"), are held and firmly bound unto

WILLIAM COUNTY, TEXAS, TX

, as obligee (the "Obligee"), in

the penal sum of

Five percent of amount bid. Dollars (\$ 5% of Amount Bid),

for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for:

Solicitation 1811-275
Signs and Markers

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal within the period specified therein, or, if no period be specified, within sixty (60) days after opening, and the Principal shall enter into a contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or contract documents, or in the event of the failure of the Principal to enter into such contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference in money not to exceed the penal sum hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void; otherwise to remain in full force and effect. In no event shall the liability hereunder exceed the penal sum hereof.

PROVIDED AND SUBJECT TO THE CONDITION PRECEDENT, that any claim by Obligee under this bond must be submitted in writing by registered mail, to the attention of the Surety Law Department at the address above, within 120 days of the date of this bond. Any suit under this bond must be instituted before the expiration of one (1) year from the date of this bond. If the provisions of this paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall apply.

DATED as of this 28th day of December , 20 18 .

WITNESS / ATTEST:

AVERY DENNISON CORPORATION - REFLECTIVE SOLUTIONS

(Principal)

By: [Signature] (Seal)

Name: Dan Zampa

Title: Sales Director

LIBERTY MUTUAL INSURANCE COMPANY

(Surety)

By: [Signature] (Seal)

April Martinez, Attorney-in-Fact

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

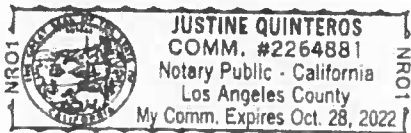
County of Los Angeles

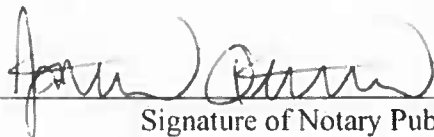
DEC 28 2018

On _____ before me, Justine Quinteros, Notary Public, personally appeared April Martinez who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature 
Signature of Notary Public



This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No: 8198054-024029

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, B. Aleman, Tracy Aston, Thomas Branigan, Lisa K. Crail, Ashraf Elmasy, Samantha Fazzini, Donna Garcia, Simone Gerhard, April Martinez, Rosa E. Rivas, Paul Rodriguez, Edward C. Spector, Marina Tapia, Nathan Varnold, KD Wapato

all of the city of Los Angeles state of California each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 28th day of November, 2018.



Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

By: [Signature]

David M. Carey, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

State of PENNSYLVANIA
County of MONTGOMERY ss

On this 28th day of November, 2018 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Upper Merion Twp., Montgomery County
My Commission Expires March 28, 2021
Member, Pennsylvania Association of Notaries

By: [Signature]
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV - OFFICERS: Section 12. Power of Attorney.

Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this DEC 28 2018 day of



By: [Signature]

Renee C. Llewellyn, Assistant Secretary

Signs and Markers Bid Sheet

TMUTCD SIGNS - REGULATORY			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
1.01	24" Stop/Slow Paddles and 6' Wooden Staff	EACH	
1.02	24" Stop/Slow Paddles	EACH	
1.03	7' PVC (Sch 80, 1.25" Dia)	EACH	
1.04	24" Octagon (H.I.P.)	EACH	
1.05	30" Octagon (H.I.P.)	EACH	
1.06	36" Octagon (H.I.P.)	EACH	
1.07	48" Octagon (H.I.P.)	EACH	
1.08	30" Triangle (H.I.P.)	EACH	
1.09	36" Triangle (H.I.P.)	EACH	
1.10	12"x 6" (H.I.P.)	EACH	
1.11	12"x 9" (H.I.P.)	EACH	
1.12	15"x 30" (H.I.P.)	EACH	
1.13	18"x 6" (H.I.P.)	EACH	
1.14	18"x 12" (H.I.P.)	EACH	
1.15	18"x 18" (H.I.P.)	EACH	
1.16	18"x 24" (H.I.P.)	EACH	
1.17	21"x 15" (H.I.P.)	EACH	
1.18	24"x 24" (H.I.P.)	EACH	
1.19	24"x 30" (H.I.P.)	EACH	
1.20	24"x 36" (H.I.P.)	EACH	
1.21	24"x 42" (H.I.P.)	EACH	
1.22	24"x 48" (H.I.P.)	EACH	
1.23	30"x 18" (H.I.P.)	EACH	
1.24	30"x 24" (H.I.P.)	EACH	
1.25	30"x 30" (H.I.P.)	EACH	
1.26	30"x 36" (H.I.P.)	EACH	
1.27	30"x 42" (H.I.P.)	EACH	
1.28	36"x 12" (H.I.P.)	EACH	
1.29	36"x 18" (H.I.P.)	EACH	
1.30	36"x 24" (H.I.P.)	EACH	
1.31	36"x 36" (H.I.P.)	EACH	
1.32	48"x 9" (H.I.P.)	EACH	
1.33	48"x 24" (H.I.P.)	EACH	
1.34	48"x 30" (H.I.P.)	EACH	
1.35	60"x 30" (H.I.P.)	EACH	
TMUTCD SIGNS - WARNING			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
2.01	30" Circle (H.I.P.)	EACH	
2.02	36" Circle (H.I.P.)	EACH	
2.03	12"x 18" (H.I.P.)	EACH	
2.04	18"x 18" (H.I.P.)	EACH	
2.05	18"x 24" (H.I.P.)	EACH	
2.06	24"x 12" (H.I.P.)	EACH	
2.07	24"x 24" (H.I.P.)	EACH	

2.08	24"x 30" (H.I.P.)	EACH	
2.09	30"x 15" (H.I.P.)	EACH	
2.10	30"x 30" (H.I.P.)	EACH	
2.11	30"x 36" (H.I.P.)	EACH	
2.12	36"x 12" (H.I.P.)	EACH	
2.13	36"x 18" (H.I.P.)	EACH	
2.14	36"x 24" (H.I.P.)	EACH	
2.15	36"x 36" (H.I.P.)	EACH	
2.16	36"x 48" (H.I.P.)	EACH	
2.17	48"x 24" (H.I.P.)	EACH	
2.18	48"x 48" (H.I.P.)	EACH	
2.19	48"x 60" (H.I.P.)	EACH	
2.20	60"x 30" (H.I.P.)	EACH	
2.21	66"x 12" (H.I.P.)	EACH	
2.22	84"x 24" (H.I.P.)	EACH	
TMUTCD SIGNS - SCHOOL			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
3.01	30" Pentagon (D.G. - Florescent Yellow/Green)	EACH	
3.02	36" Pentagon (D.G. - Florescent Yellow/Green)	EACH	
3.03	24"x 8" (D.G. - Florescent Yellow/Green)	EACH	
3.04	24"x 10" (H.I.P. - White)	EACH	
3.05	24"x 12" (D.G. - Florescent Yellow/Green)	EACH	
3.06	24"x 48" (D.G. - Florescent Yellow/Green and H.I.P. - White)*	EACH	
3.07	30"x 30" (D.G. - Florescent Yellow/Green)	EACH	
3.08	36"x 12" (D.G. - Florescent Yellow/Green)	EACH	
3.09	36"x 36" (D.G. - Florescent Yellow/Green)	EACH	
	*per TMUTCD S5-1		
BRACKET/POST AND HARDWARE			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
4.01	2 3/8" Post Bracket	EACH	
4.02	3" Post Bracket	EACH	
4.03	2 3/8" Back to Back Post Brackets	EACH	
4.04	Wedge Steel System Anchor (socket and wedge)	EACH	
4.05	Triangular Slipbase System (complete assembly with tri-base ground stub)	EACH	
4.06	Triangular Slipbase System (anchor, collar, fasteners – excluding ground stub anchor)	EACH	
STREET SIGNS BLANKS AND HARDWARE			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
5.01	6"x 18" Flat (H.I.P. - White)	EACH	
5.02	6"x 24" Flat (H.I.P. - White)	EACH	
5.03	6"x 30" Flat (H.I.P. - White)	EACH	
5.04	6"x 36" Flat (H.I.P. - White)	EACH	
5.05	9"x 24" Flat (H.I.P. - White)	EACH	
5.06	9"x 30" Flat (H.I.P. - White)	EACH	
5.07	9"x 36" Flat (H.I.P. - White)	EACH	
5.08	Cap Round - 2 3/8" x 5 1/2" Flat Blade Holder	EACH	
5.09	Cap Round - 2 3/8" x 12" Flat Blade Holder	EACH	

5.10	Cap Round - 3" x 5 1/2" Flat Blade Holder	EACH	
5.11	Cap Round - 3" x 12" Flat Blade Holder	EACH	
5.12	90° Tee - 5 1/2" Flat Blade	EACH	
5.13	90° Tee - 12" Flat Blade Holder	EACH	
POSTS			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
6.01	10' x 2 3/8" O.D. Round Post	EACH	
6.02	12' x 2 3/8" O.D. Round Post	EACH	
6.03	6' Green U-Channel Post	EACH	
6.04	6' Galvanized U-Channel Post	EACH	
6.05	12' Green U-Channel Post	EACH	
6.06	12' x 2-7/8" O.D. 10 BWG Post complete assembly with Pins	EACH	
6.07	11' x 1-3/4" Perforated Square Metal Tubing	EACH	
6.08	10' Steel T-leg Assembly* – 5' x 2" square leg base, and two 3' base ends (feet) 1 3/4" square with 5/16" holes.	EACH	
6.09	4' x 1 3/4" square T-leg with 5' x 2" square base*	EACH	
6.10	3' x 1 3/4" Perforated Square Metal Tubing - Base End (Foot)* with pins	EACH	
6.11	5' x 2" Perforated Square Metal Tubing - Single Leg Base* with stub out and pins	EACH	
	*see assembly for single leg base (skid mounted) on lower left corner of sheet BC (5)-14		
ROLL GOODS			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
7.01	7"x 50 Yards - Barricade Tape (H.I.P.) Red / White	EACH	\$100.63
7.02	7"x 50 Yards - Barricade Tape (H.I.P.) Orange / White	EACH	\$96.25
7.03	30" x 50 Yards - Reflective Sheeting (E.G.)	EACH	\$262.50
7.04	30" x 50 Yards - Reflective Sheeting (H.I.P.)	EACH	\$285.00
7.05	30" x 50 Yards - Reflective Sheeting (D.G.)	EACH	\$525.00
7.06	30" x 50 Yards - Non Reflective Sheeting (Black Vinyl)	EACH	\$198.75
7.07	30" x 50 Yards - Non Reflective Sheeting (Orange Vinyl)	EACH	\$198.75
7.08	30" x 50 Yards - E.C. Film	EACH	\$258.75
7.09	48" x 50 Yards - Reflective Sheeting (E.G.)	EACH	\$426.00
7.10	48" x 50 Yards - Reflective Sheeting (H.I.P.)	EACH	\$456.00
7.11	48" x 50 Yards - Non Reflective Sheeting (Black Vinyl)	EACH	\$318.00
7.12	48" x 50 Yards - Non Reflective Sheeting (Orange Vinyl)	EACH	\$318.00
7.13	48" x 50 Yards - E.C. Film	EACH	\$414.00
7.14	6" x 100 Yards - Clear Application Tape	EACH	\$18.00
7.15	12" x 100 Yards - Clear Applicaton Tape	EACH	\$36.00
7.16	24" x 100 Yards - Clear Applicaton Tape	EACH	\$72.00
7.17	30" x 100 Yards - Clear Applicaton Tape	EACH	\$90.00
BARRICADE MATERIAL			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
8.01	1"x 8"x 8' Barricade Rail (plank)	EACH	
8.02	Type I 24" Barricade with Sheeting	EACH	
8.03	Type II 24" Barricade with Sheeting	EACH	
8.04	Type III 4' Barricade with Sheeting	EACH	
8.05	Type III 8' Barricade with Sheeting	EACH	
8.06	Barricade base/skid (5'- 2" square steel tubing with 6" stub out)	EACH	

8.07	1 3/4" x 1 3/4" x 5' X-tube barricade stiffener with standard holes	EACH	
FLEXIBLE ROLL UP SIGNS			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
9.01	36" Non Reflective Sign	EACH	
9.02	36" Reflective Sign	EACH	
9.03	48" Non Reflective Sign	EACH	
9.04	48" Reflective Sign	EACH	
9.05	Rubber Sign Stand (min. 38 lbs)	EACH	
DELINEATOR AND OBJECT MARKERS			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
10.01	62" Soil Mounted Flexible Guide Post w/ Soil Anchor w/ 3" x 12" Yellow H.I.P. Sheeting	EACH	
10.02	28" Cones w/ Reflective Bands - 9.5 lbs. min (two-piece cone with separate weighted base)	EACH	
10.03	36" - 42" Drums w/ Reflective Bands with Tire Ring Base	EACH	
10.04	Barrier reflector - GF-1	EACH	
10.05	Barrier reflector - GF-2	EACH	
10.06	Barrier reflector - CTB	EACH	
10.07	Temporary Flexible-Reflective Roadway Marker Tabs	EACH	
10.08	Reflector 6" x 12" (Size 3)	EACH	
10.09	12" x 36" Object Marker - OM -3L (H.I.P.)	EACH	
10.10	12" x 36" Object Marker - OM -3R (H.I.P.)	EACH	
10.11	12" x 36" Object Marker - OM -3C (H.I.P.)	EACH	
10.12	18" x 18" Object Marker - OM -4 (H.I.P.)	EACH	
10.13	36" (yellow or white) Flexible Delineator Post with 2-3" HI Wraps with base	EACH	
10.14	36" (yellow or white) Flexible Delineator Post with 2-3" HI Wraps	EACH	
10.15	48" (yellow or white) Flexible Delineator Post with 2-3" HI Wraps with base	EACH	
10.16	48" (yellow or white) Flexible Delineator Post with 2-3" HI Wraps	EACH	
10.17	600cc Epoxy Cartridge	EACH	
10.18	Adhesive 795A	EACH	
10.19	8" x 20' Butyl Roll	EACH	
10.20	8" x 8" Butyl Pads	EACH	
10.21	Modular Lane Separator Curb System	EACH	
CWZTCDL SUBSTRATES FOR SIGNS BLANKS FOR SHORT-TERM/SHORT DURATION			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
11.01	24" x 30" 10 MM Coroplast w/ Sheeting and Boarder (various colors)	EACH	
11.02	36" x 36" 10 MM Coroplast w/ Sheeting and Boarder (various colors)	EACH	
11.03	48" x 96" 10 MM Coroplast w/ Sheeting and Boarder (various colors)	EACH	
11.04	60" x 30" 10 MM Coroplast w/ Sheeting and Boarder (various colors)	EACH	

Supplier: Avery Dennison

Bidder References

List the last (3) companies or governmental agencies, where the same or similar goods and/or services as contained in this IFB package, were recently provided by Bidder.

Reference 1

Client Name:
Department of Transportation Denver, CO

Location:

Contact Name:
Bernard Cole Sign Shop Manager

Title:

Phone:
303-757-9280 bernard.cole@state.co.us

E-mail

Contract Date To: Contract Date From: Contract Value: \$
7/1/17 6/30/19 150,000/annual

Scope of Work:
Supplying Sign Sheeting and Inks

Reference 2

Client Name:
Department of Transportation Seattle, WA

Location:

Contact Name:
Rob Ford Sign Shop Manager

Title:

Phone:
206-233-7102 robin.ford@seattle.gov

E-mail

Contract Date To: Contract Date From: Contract Value: \$
9/9/16 9/8/20 \$125,000/annual

Scope of Work:
Supplying Sign Sheeting and Inks

Reference 3

Client Name:
Department of Transportation Columbia, SC

Location:

Contact Name:
Debbie Vandermolen Sign Shop Manager

Title:

Phone:
803-736-8089 vanderda@scdot.org

E-mail

Contract Date To: **Contract Date From:** **Contract Value: \$**
6/8/17 6/31/2022 \$175,000/annual

Scope of Work:
Supplying Sign Sheeting and Inks

Supplier: Avery Dennison

CONFLICT OF INTEREST QUESTIONNAIRE**FORM CIQ****For vendor doing business with local governmental entity****OFFICE USE ONLY**

Date Received

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

1 Name of vendor who has a business relationship with local governmental entity.

Avery Dennison

2 **Check this box if you are filing an update to a previously filed questionnaire.** (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

3 Name of local government officer about whom the information is being disclosed.

N/A
Name of Officer

4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?

Yes No

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

Yes No

5 Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.

6 Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

7 Signature is not required if completing in BIDS SYNC electronically;

Signature of vendor doing business with the governmental entity

12/28/18

Date

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

A complete copy of Chapter 176 of the Local Government Code may be found at [http://www.statutes.legis.state.tx.us/ Docs/LG/htm/LG.176.htm](http://www.statutes.legis.state.tx.us/Docs/LG/htm/LG.176.htm). For easy reference, below are some of the sections cited on this form.

Local Government Code § 176.001(1-a): "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

- (A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity;
- (B) a transaction conducted at a price and subject to terms available to the public; or
- (C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency.

Local Government Code § 176.003(a)(2)(A) and (B):

- (a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

- (2) the vendor:

(A) has an employment or other business relationship with the local government officer or a family member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds \$2,500 during the 12-month period preceding the date that the officer becomes aware that

(i) a contract between the local governmental entity and vendor has been executed; or

(ii) the local governmental entity is considering entering into a contract with the vendor;

(B) has given to the local government officer or a family member of the officer one or more gifts that have an aggregate value of more than \$100 in the 12-month period preceding the date the officer becomes aware that:

(i) a contract between the local governmental entity and vendor has been executed;

or (ii) the local governmental entity is considering entering into a contract with the vendor.

Local Government Code § 176.006(a) and (a-1)

- (a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

(1) has an employment or other business relationship with a local government officer of that local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);

(2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or

(3) has a family relationship with a local government officer of that local governmental entity. (a-1)

The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

- (2) the date that the vendor:

(A) begins discussions or negotiations to enter into a contract with the local governmental entity; or

(B) submits to the local governmental entity an application, response to a request for proposals or bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

- (3) the date the vendor becomes aware:

(A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);

(B) that the vendor has given one or more gifts described by Subsection (a); or (C) of a family relationship with a local government officer.

Form provided by Texas Ethics Commission

www.ethics.state.tx.us

Revised 11/30/2015

Supplier: Avery Dennison

BID AFFIDAVIT

This form must be completed, signed, notarized and returned with Bid package

The undersigned attests that the company named below, under the provisions of Subtitle F, Title 10, Texas Government Code Chapter 2270:

1. Does not boycott Israel currently; and
2. Will not boycott Israel during the term of the contract.

Pursuant to Section 2270.001, Texas Government Code:

1. "Boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes; and
2. "Company" means a for-profit sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, or any limited liability company, including a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate of those entities or business associations that exist to make a profit.

The undersigned certifies that the IFB and the Bidder's Bid have been carefully reviewed and are submitted as correct and final. Bidder further certifies and agrees to furnish any and/or all goods and/or services upon which prices are extended at the price Bid, and upon the conditions contained in the IFB.

I hereby certify that the foregoing Bid has not been prepared in collusion with any other Bidder or other person or persons engaged in the same line of business prior to the official opening of this Bid. Further, I certify that the Bidder is not now, nor has been for the past six (6) months, directly or indirectly concerned in any pool or agreement or combination, to control the price of services/commodities Bid on, or to influence any person or persons to submit a Bid or not to submit a Bid thereon."

Name of Bidder:	Avery Dennison
Address of Bidder:	7542 N Natchez Ave
Email:	reflective.bids@averydennison.com
Telephone:	847-588-7226
Printed Name of Person Submitting Affidavit:	Dan Zampa
Signature of Person Submitting Affidavit:	Dan Zampa

Cooperative Purchasing Program

Check one of the following options below. A non-affirmative Bid will in no way have a negative impact on the County's evaluation of the Bid.

<input checked="" type="checkbox"/>	I will offer the quoted prices to all authorized entities during the term of the County's Contract.
<input type="checkbox"/>	I will not offer the quoted prices to all authorized entities.

If no box is checked, the Bidder agrees to make best efforts in good faith to offer the quoted prices to all authorized entities.

BEFORE ME, the undersigned authority, a Notary Public, personally appeared (*Name of Signer*), who after being by me duly sworn, did depose and say: "I, , (*Name of Signer*) am a duly authorized officer of/agent for (*Name of Bidder*) and have been duly authorized to execute the foregoing on behalf of the said (*Name of Bidder*).

SUBSCRIBED AND SWORN to before me by the above-named
on this the day of , 20.

Notary Public in and for

The State of

The County of

SIGNATURE AND NOTARY NOT REQUIRED IF COMPLETING IN BIDS SYNC ELECTRONICALLY.

Osburn Associates Inc.

Bid Contact **Jennifer L Treadway**
melindat@osburns.com
Ph 740-385-6869
Fax 740-385-8016

Address **po box 912**
logan, OH 43138

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch.	Docs
1811-275--01-01	Please attach all items to this line.	Supplier Product Code:	First Offer -	1 / each	Y	Y
Supplier Total					\$0.00	

Osburn Associates Inc.

Item: **Please attach all items to this line.**

Attachments

Williamson County 1.xlsx

Signs and Markers Bid Sheet

TMUTCD SIGNS - REGULATORY			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
1.01	24" Stop/Slow Paddles and 6' Wooden Staff	EACH	No Bid
1.02	24" Stop/Slow Paddles	EACH	No Bid
1.03	7' PVC (Sch 80, 1.25" Dia)	EACH	No Bid
1.04	24" Octagon (H.I.P.)	EACH	\$23.12
1.05	30" Octagon (H.I.P.)	EACH	\$36.13
1.06	36" Octagon (H.I.P.)	EACH	\$52.02
1.07	48" Octagon (H.I.P.)	EACH	\$92.48
1.08	30" Triangle (H.I.P.)	EACH	\$21.68
1.09	36" Triangle (H.I.P.)	EACH	\$40.46
1.10	12"x 6" (H.I.P.)	EACH	\$2.89
1.11	12"x 9" (H.I.P.)	EACH	\$4.34
1.12	15"x 30" (H.I.P.)	EACH	\$18.06
1.13	18"x 6" (H.I.P.)	EACH	\$4.34
1.14	18"x 12" (H.I.P.)	EACH	\$8.67
1.15	18"x 18" (H.I.P.)	EACH	\$13.01
1.16	18"x 24" (H.I.P.)	EACH	\$17.34
1.17	21"x 15" (H.I.P.)	EACH	\$12.60
1.18	24"x 24" (H.I.P.)	EACH	\$23.12
1.19	24"x 30" (H.I.P.)	EACH	\$28.90
1.20	24"x 36" (H.I.P.)	EACH	\$34.68
1.21	24"x 42" (H.I.P.)	EACH	\$40.46
1.22	24"x 48" (H.I.P.)	EACH	\$46.24
1.23	30"x 18" (H.I.P.)	EACH	\$21.68
1.24	30"x 24" (H.I.P.)	EACH	\$28.90
1.25	30"x 30" (H.I.P.)	EACH	\$36.13
1.26	30"x 36" (H.I.P.)	EACH	\$43.35
1.27	30"x 42" (H.I.P.)	EACH	\$50.58
1.28	36"x 12" (H.I.P.)	EACH	\$17.34
1.29	36"x 18" (H.I.P.)	EACH	\$26.01
1.30	36"x 24" (H.I.P.)	EACH	\$34.68
1.31	36"x 36" (H.I.P.)	EACH	\$52.02
1.32	48"x 9" (H.I.P.)	EACH	\$17.34
1.33	48"x 24" (H.I.P.)	EACH	\$46.24
1.34	48"x 30" (H.I.P.)	EACH	\$57.80
1.35	60"x 30" (H.I.P.)	EACH	\$72.25
TMUTCD SIGNS - WARNING			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
2.01	30" Circle (H.I.P.)	EACH	\$36.13
2.02	36" Circle (H.I.P.)	EACH	\$52.02
2.03	12"x 18" (H.I.P.)	EACH	\$8.67
2.04	18"x 18" (H.I.P.)	EACH	\$13.01
2.05	18"x 24" (H.I.P.)	EACH	\$17.34
2.06	24"x 12" (H.I.P.)	EACH	\$11.56
2.07	24"x 24" (H.I.P.)	EACH	\$23.12

2.08	24"x 30" (H.I.P.)	EACH	\$28.90
2.09	30"x 15" (H.I.P.)	EACH	\$18.06
2.10	30"x 30" (H.I.P.)	EACH	\$36.13
2.11	30"x 36" (H.I.P.)	EACH	\$43.35
2.12	36"x 12" (H.I.P.)	EACH	\$17.34
2.13	36"x 18" (H.I.P.)	EACH	\$26.01
2.14	36"x 24" (H.I.P.)	EACH	\$34.68
2.15	36"x 36" (H.I.P.)	EACH	\$52.02
2.16	36"x 48" (H.I.P.)	EACH	\$69.36
2.17	48"x 24" (H.I.P.)	EACH	\$46.24
2.18	48"x 48" (H.I.P.)	EACH	\$92.48
2.19	48"x 60" (H.I.P.)	EACH	\$115.60
2.20	60"x 30" (H.I.P.)	EACH	\$72.25
2.21	66"x 12" (H.I.P.)	EACH	\$31.79
2.22	84"x 24" (H.I.P.)	EACH	\$80.92
TMUTCD SIGNS - SCHOOL			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
3.01	30" Pentagon (D.G. - Florescent Yellow/Green)	EACH	\$43.44
3.02	36" Pentagon (D.G. - Florescent Yellow/Green)	EACH	\$62.55
3.03	24"x 8" (D.G. - Florescent Yellow/Green)	EACH	\$9.27
3.04	24"x 10" (H.I.P. - White)	EACH	\$9.63
3.05	24"x 12" (D.G. - Florescent Yellow/Green)	EACH	\$13.90
3.06	24"x 48" (D.G. - Florescent Yellow/Green and H.I.P. - White)*	EACH	\$55.60
3.07	30"x 30" (D.G. - Florescent Yellow/Green)	EACH	\$43.44
3.08	36"x 12" (D.G. - Florescent Yellow/Green)	EACH	\$20.85
3.09	36"x 36" (D.G. - Florescent Yellow/Green)	EACH	\$62.55
	*per TMUTCD S5-1		
BRACKET/POST AND HARDWARE			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
4.01	2 3/8" Post Bracket	EACH	No Bid
4.02	3" Post Bracket	EACH	No Bid
4.03	2 3/8" Back to Back Post Brackets	EACH	No Bid
4.04	Wedge Steel System Anchor (socket and wedge)	EACH	No Bid
4.05	Triangular Slipbase System (complete assembly with tri-base ground stub)	EACH	No Bid
4.06	Triangular Slipbase System (anchor, collar, fasteners – excluding ground stub anchor)	EACH	No Bid
STREET SIGNS BLANKS AND HARDWARE			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
5.01	6"x 18" Flat (H.I.P. - White)	EACH	\$6.07
5.02	6"x 24" Flat (H.I.P. - White)	EACH	\$8.09
5.03	6"x 30" Flat (H.I.P. - White)	EACH	\$10.11
5.04	6"x 36" Flat (H.I.P. - White)	EACH	\$12.14
5.05	9"x 24" Flat (H.I.P. - White)	EACH	\$12.14
5.06	9"x 30" Flat (H.I.P. - White)	EACH	\$15.17
5.07	9"x 36" Flat (H.I.P. - White)	EACH	\$18.20
5.08	Cap Round - 2 3/8" x 5 1/2" Flat Blade Holder	EACH	\$4.25
5.09	Cap Round - 2 3/8" x 12" Flat Blade Holder	EACH	\$9.25

5.10	Cap Round - 3" x 5 1/2" Flat Blade Holder	EACH	\$4.25
5.11	Cap Round - 3" x 12" Flat Blade Holder	EACH	\$9.25
5.12	90° Tee - 5 1/2" Flat Blade	EACH	\$4.25
5.13	90° Tee - 12" Flat Blade Holder	EACH	\$9.25
POSTS			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
6.01	10' x 2 3/8" O.D. Round Post	EACH	No Bid
6.02	12' x 2 3/8" O.D. Round Post	EACH	No Bid
6.03	6' Green U-Channel Post	EACH	No Bid
6.04	6' Galvanized U-Channel Post	EACH	No Bid
6.05	12' Green U-Channel Post	EACH	No Bid
6.06	12' x 2-7/8" O.D. 10 BWG Post complete assembly with Pins	EACH	No Bid
6.07	11' x 1-3/4" Perforated Square Metal Tubing	EACH	No Bid
6.08	10' Steel T-leg Assembly* – 5' x 2" square leg base, and two 3' base ends (feet) 1 3/4" square with 5/16" holes.	EACH	No Bid
6.09	4' x 1 3/4" square T-leg with 5' x 2" square base*	EACH	No Bid
6.10	3' x 1 3/4" Perforated Square Metal Tubing - Base End (Foot)* with pins	EACH	No Bid
6.11	5' x 2" Perforated Square Metal Tubing - Single Leg Base* with stub out and pins	EACH	No Bid
	*see assembly for single leg base (skid mounted) on lower left corner of sheet BC (5)-14		No Bid
ROLL GOODS			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
7.01	7"x 50 Yards - Barricade Tape (H.I.P.) Red / White	EACH	\$139.13
7.02	7"x 50 Yards - Barricade Tape (H.I.P.) Orange / White	EACH	\$139.13
7.03	30" x 50 Yards - Reflective Sheeting (E.G.)	EACH	\$326.25
7.04	30" x 50 Yards - Reflective Sheeting (H.I.P.)	EACH	\$453.75
7.05	30" x 50 Yards - Reflective Sheeting (D.G.)	EACH	\$877.50
7.06	30" x 50 Yards - Non Reflective Sheeting (Black Vinyl)	EACH	\$367.14
7.07	30" x 50 Yards - Non Reflective Sheeting (Orange Vinyl)	EACH	\$426.58
7.08	30" x 50 Yards - E.C. Film	EACH	\$333.75
7.09	48" x 50 Yards - Reflective Sheeting (E.G.)	EACH	\$522.00
7.10	48" x 50 Yards - Reflective Sheeting (H.I.P.)	EACH	\$726.00
7.11	48" x 50 Yards - Non Reflective Sheeting (Black Vinyl)	EACH	\$671.34
7.12	48" x 50 Yards - Non Reflective Sheeting (Orange Vinyl)	EACH	\$780.05
7.13	48" x 50 Yards - E.C. Film	EACH	\$534.00
7.14	6" x 100 Yards - Clear Application Tape	EACH	\$46.50
7.15	12" x 100 Yards - Clear Applicaton Tape	EACH	\$93.00
7.16	24" x 100 Yards - Clear Applicaton Tape	EACH	\$186.00
7.17	30" x 100 Yards - Clear Applicaton Tape	EACH	\$232.50
BARRICADE MATERIAL			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
8.01	1"x 8"x 8' Barricade Rail (plank)	EACH	No Bid
8.02	Type I 24" Barricade with Sheeting	EACH	No Bid
8.03	Type II 24" Barricade with Sheeting	EACH	No Bid
8.04	Type III 4' Barricade with Sheeting	EACH	No Bid
8.05	Type III 8' Barricade with Sheeting	EACH	No Bid
8.06	Barricade base/skid (5'- 2" square steel tubing with 6" stub out)	EACH	No Bid

8.07	1 3/4" x 1 3/4" x 5' X-tube barricade stiffener with standard holes	EACH	No Bid
FLEXIBLE ROLL UP SIGNS			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
9.01	36" Non Reflective Sign	EACH	\$41.02
9.02	36" Reflective Sign	EACH	\$100.80
9.03	48" Non Reflective Sign	EACH	\$51.02
9.04	48" Reflective Sign	EACH	\$159.94
9.05	Rubber Sign Stand (min. 38 lbs)	EACH	\$90.92
DELINEATOR AND OBJECT MARKERS			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
10.01	62" Soil Mounted Flexible Guide Post w/ Soil Anchor w/ 3" x 12" Yellow H.I.P. Sheeting	EACH	No Bid
10.02	28" Cones w/ Reflective Bands - 9.5 lbs. min (two-piece cone with separate weighted base)	EACH	No Bid
10.03	36"- 42" Drums w/ Reflective Bands with Tire Ring Base	EACH	No Bid
10.04	Barrier reflector - GF-1	EACH	No Bid
10.05	Barrier reflector - GF-2	EACH	No Bid
10.06	Barrier reflector - CTB	EACH	No Bid
10.07	Temporary Flexible-Reflective Roadway Marker Tabs	EACH	No Bid
10.08	Reflector 6" x 12" (Size 3)	EACH	No Bid
10.09	12" x 36" Object Marker - OM -3L (H.I.P.)	EACH	\$17.34
10.10	12" x 36" Object Marker - OM -3R (H.I.P.)	EACH	\$17.34
10.11	12" x 36" Object Marker - OM -3C (H.I.P.)	EACH	\$17.34
10.12	18" x 18" Object Marker - OM -4 (H.I.P.)	EACH	\$28.01
10.13	36" (yellow or white) Flexible Delineator Post with 2-3" HI Wraps with base	EACH	No Bid
10.14	36" (yellow or white) Flexible Delineator Post with 2-3" HI Wraps	EACH	No Bid
10.15	48" (yellow or white) Flexible Delineator Post with 2-3" HI Wraps with base	EACH	No Bid
10.16	48" (yellow or white) Flexible Delineator Post with 2-3" HI Wraps	EACH	No Bid
10.17	600cc Epoxy Cartridge	EACH	No Bid
10.18	Adhesive 795A	EACH	No Bid
10.19	8" x 20' Butyl Roll	EACH	No Bid
10.20	8" x 8" Butyl Pads	EACH	No Bid
10.21	Modular Lane Separator Curb System	EACH	No Bid
CWZTCDL SUBSTRATES FOR SIGNS BLANKS FOR SHORT-TERM/SHORT DURATION			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
11.01	24" x 30" 10 MM Coroplast w/ Sheeting and Boarder (various colors)	EACH	No Bid
11.02	36" x 36" 10 MM Coroplast w/ Sheeting and Boarder (various colors)	EACH	No Bid
11.03	48" x 96" 10 MM Coroplast w/ Sheeting and Boarder (various colors)	EACH	No Bid
11.04	60" x 30" 10 MM Coroplast w/ Sheeting and Boarder (various colors)	EACH	No Bid

Supplier: Osburn Associates Inc.

Bidder References

List the last (3) companies or governmental agencies, where the same or similar goods and/or services as contained in this IFB package, were recently provided by Bidder.

Reference 1

Client Name:

Missouri DOT

Location:

Contact Name:

Thomas Honich Purchasing Manager

Title:

Phone:

573-526-0122

E-mail

Contract Date To:

1-1-2019 1-1-2018 over 1,000,000.00

Contract Date From:

Contract Value: \$

Scope of Work:

Providing completed traffic signs, sheeting, aluminum blanks, and many other types of products

Reference 2

Client Name:

Road Commission for Oakland County Michigan

Location:

Contact Name:

Judy Schwarz Procurement

Title:

Phone:

206-684-2215

E-mail

Contract Date To:

3-1-2019 3-1-2018 over 500,000.00

Contract Date From:

Contract Value: \$

Scope of Work:

Providing completed traffic signs, sheeting, aluminum blanks, and many other types of products

Reference 3

Client Name:
City of St Petersburg Florida

Location:

Contact Name:
James Landstoffer street manager

Title:

Phone:
727-893-7303

E-mail

Contract Date To:
5-20-2019 5-20-2018 150,000.00

Contract Date From:

Contract Value: \$

Scope of Work:

Providing completed traffic signs, sheeting, aluminum blanks, and many other types of products

Supplier: Osburn Associates Inc.

CONFLICT OF INTEREST QUESTIONNAIRE

FORM CIQ

For vendor doing business with local governmental entity

<p>This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session. This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a). By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code. A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.</p>	<p>OFFICE USE ONLY</p> <hr/> <p>Date Received</p>
<p>1 Name of vendor who has a business relationship with local governmental entity.</p>	
<p>2 <input type="checkbox"/> Check this box if you are filing an update to a previously filed questionnaire. (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)</p>	
<p>3 Name of local government officer about whom the information is being disclosed.</p> <p style="text-align: center;">Name of Officer</p>	
<p>4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.</p> <p>A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>5 Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.</p>	
<p>6 <input type="checkbox"/> Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).</p>	
<p>7 Signature is not required if completing in BIDSYNC electronically;</p> <p>Signature of vendor doing business with the governmental entity Date</p>	

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

A complete copy of Chapter 176 of the Local Government Code may be found at <http://www.statutes.legis.state.tx.us/ Docs/LG/htm/LG.176.htm>. For easy reference, below are some of the sections cited on this form.

Local Government Code § 176.001(1-a): "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

- (A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity;
- (B) a transaction conducted at a price and subject to terms available to the public; or
- (C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency.

Local Government Code § 176.003(a)(2)(A) and (B):

- (a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

- (2) the vendor:

(A) has an employment or other business relationship with the local government officer or a family member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds \$2,500 during the 12-month period preceding the date that the officer becomes aware that

(i) a contract between the local governmental entity and vendor has been executed; or

(ii) the local governmental entity is considering entering into a contract with the vendor;

(B) has given to the local government officer or a family member of the officer one or more gifts that have an aggregate value of more than \$100 in the 12-month period preceding the date the officer becomes aware that:

(i) a contract between the local governmental entity and vendor has been executed;

or (ii) the local governmental entity is considering entering into a contract with the vendor.

Local Government Code § 176.006(a) and (a-1)

- (a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

(1) has an employment or other business relationship with a local government officer of that local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);

(2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or

(3) has a family relationship with a local government officer of that local governmental entity. (a-1)

The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

- (2) the date that the vendor:

(A) begins discussions or negotiations to enter into a contract with the local governmental entity; or

(B) submits to the local governmental entity an application, response to a request for proposals or bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

- (3) the date the vendor becomes aware:

(A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);

(B) that the vendor has given one or more gifts described by Subsection (a); or (C) of a family relationship with a local government officer.

Form provided by Texas Ethics Commission

www.ethics.state.tx.us

Revised 11/30/2015

Supplier: Osburn Associates Inc.

BID AFFIDAVIT

This form must be completed, signed, notarized and returned with Bid package

The undersigned attests that the company named below, under the provisions of Subtitle F, Title 10, Texas Government Code Chapter 2270:

1. Does not boycott Israel currently; and
2. Will not boycott Israel during the term of the contract.

Pursuant to Section 2270.001, Texas Government Code:

1. "Boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes; and
2. "Company" means a for-profit sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, or any limited liability company, including a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate of those entities or business associations that exist to make a profit.

The undersigned certifies that the IFB and the Bidder's Bid have been carefully reviewed and are submitted as correct and final. Bidder further certifies and agrees to furnish any and/or all goods and/or services upon which prices are extended at the price Bid, and upon the conditions contained in the IFB.

I hereby certify that the foregoing Bid has not been prepared in collusion with any other Bidder or other person or persons engaged in the same line of business prior to the official opening of this Bid. Further, I certify that the Bidder is not now, nor has been for the past six (6) months, directly or indirectly concerned in any pool or agreement or combination, to control the price of services/commodities Bid on, or to influence any person or persons to submit a Bid or not to submit a Bid thereon."

Name of Bidder:	Osburn Associates Inc
Address of Bidder:	PO Box 912
Email:	robj@osburns.com
Telephone:	(800) 523-8917
Printed Name of Person Submitting Affidavit:	Rob Jenks
Signature of Person Submitting Affidavit:	Rob Jenks

Cooperative Purchasing Program

Check one of the following options below. A non-affirmative Bid will in no way have a negative impact on the County's evaluation of the Bid.

<input checked="" type="checkbox"/>	I will offer the quoted prices to all authorized entities during the term of the County's Contract.
<input type="checkbox"/>	I will not offer the quoted prices to all authorized entities.

If no box is checked, the Bidder agrees to make best efforts in good faith to offer the quoted prices to all authorized entities.

BEFORE ME, the undersigned authority, a Notary Public, personally appeared (*Name of Signer*), who after being by me duly sworn, did depose and say: "I, , (*Name of Signer*) am a duly authorized officer of/agent for (*Name of Bidder*) and have been duly authorized to execute the foregoing on behalf of the said (*Name of Bidder*).

SUBSCRIBED AND SWORN to before me by the above-named
on this the day of , 20.

Notary Public in and for

The State of

The County of

SIGNATURE AND NOTARY NOT REQUIRED IF COMPLETING IN BIDS SYNC ELECTRONICALLY.

Vulcan Signs

Bid Contact **Jim Stewart** Address **P.O. Box 1850**
vulcan3@vulcaninc.com **Foley, AL 36536**
Ph 888-846-2745
Fax 251-943-1544

Bid Notes **Prices based on one color STD MUTCD Signs - .080 gauge metal**

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch.	Docs
1811-275--01-01	Please attach all items to this line.	Supplier Product Code: Supplier Notes: Prices based on one color STD MUTCD Signs - .080 gauge metal	First Offer -	1 / each	Y	Y
Supplier Total					\$0.00	

Vulcan Signs

Item: **Please attach all items to this line.**

Attachments

Williamson Co, TX.xlsx

Signs and Markers Bid Sheet

TMUTCD SIGNS - REGULATORY			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
1.01	24" Stop/Slow Paddles and 6' Wooden Staff	EACH	\$54.32
1.02	24" Stop/Slow Paddles	EACH	\$54.32
1.03	7' PVC (Sch 80, 1.25" Dia)	EACH	NO BID
1.04	24" Octagon (H.I.P.)	EACH	\$17.23
1.05	30" Octagon (H.I.P.)	EACH	\$26.94
1.06	36" Octagon (H.I.P.)	EACH	\$38.78
1.07	48" Octagon (H.I.P.)	EACH	\$68.94
1.08	30" Triangle (H.I.P.)	EACH	\$14.42
1.09	36" Triangle (H.I.P.)	EACH	\$19.66
1.10	12"x 6" (H.I.P.)	EACH	\$2.83
1.11	12"x 9" (H.I.P.)	EACH	\$4.30
1.12	15"x 30" (H.I.P.)	EACH	\$14.45
1.13	18"x 6" (H.I.P.)	EACH	\$4.29
1.14	18"x 12" (H.I.P.)	EACH	\$7.14
1.15	18"x 18" (H.I.P.)	EACH	\$10.68
1.16	18"x 24" (H.I.P.)	EACH	\$13.68
1.17	21"x 15" (H.I.P.)	EACH	\$10.43
1.18	24"x 24" (H.I.P.)	EACH	\$18.24
1.19	24"x 30" (H.I.P.)	EACH	\$22.80
1.20	24"x 36" (H.I.P.)	EACH	\$27.36
1.21	24"x 42" (H.I.P.)	EACH	\$31.92
1.22	24"x 48" (H.I.P.)	EACH	\$36.48
1.23	30"x 18" (H.I.P.)	EACH	\$17.10
1.24	30"x 24" (H.I.P.)	EACH	\$22.80
1.25	30"x 30" (H.I.P.)	EACH	\$28.50
1.26	30"x 36" (H.I.P.)	EACH	\$34.20
1.27	30"x 42" (H.I.P.)	EACH	\$39.90
1.28	36"x 12" (H.I.P.)	EACH	\$13.68
1.29	36"x 18" (H.I.P.)	EACH	\$20.52
1.30	36"x 24" (H.I.P.)	EACH	\$27.36
1.31	36"x 36" (H.I.P.)	EACH	\$41.04
1.32	48"x 9" (H.I.P.)	EACH	\$13.68
1.33	48"x 24" (H.I.P.)	EACH	\$36.48
1.34	48"x 30" (H.I.P.)	EACH	\$45.60
1.35	60"x 30" (H.I.P.)	EACH	\$57.00
TMUTCD SIGNS - WARNING			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
2.01	30" Circle (H.I.P.)	EACH	\$27.12
2.02	36" Circle (H.I.P.)	EACH	\$40.21
2.03	12"x 18" (H.I.P.)	EACH	\$7.14
2.04	18"x 18" (H.I.P.)	EACH	\$10.68
2.05	18"x 24" (H.I.P.)	EACH	\$13.68
2.06	24"x 12" (H.I.P.)	EACH	\$9.54
2.07	24"x 24" (H.I.P.)	EACH	\$18.24

2.08	24"x 30" (H.I.P.)	EACH	\$22.80
2.09	30"x 15" (H.I.P.)	EACH	\$14.45
2.10	30"x 30" (H.I.P.)	EACH	\$28.50
2.11	30"x 36" (H.I.P.)	EACH	\$34.20
2.12	36"x 12" (H.I.P.)	EACH	\$13.68
2.13	36"x 18" (H.I.P.)	EACH	\$20.52
2.14	36"x 24" (H.I.P.)	EACH	\$27.36
2.15	36"x 36" (H.I.P.)	EACH	\$41.04
2.16	36"x 48" (H.I.P.)	EACH	\$54.72
2.17	48"x 24" (H.I.P.)	EACH	\$36.48
2.18	48"x 48" (H.I.P.)	EACH	\$72.96
2.19	48"x 60" (H.I.P.)	EACH	\$91.20
2.20	60"x 30" (H.I.P.)	EACH	\$57.00
2.21	66"x 12" (H.I.P.)	EACH	\$25.08
2.22	84"x 24" (H.I.P.)	EACH	\$63.84
TMUTCD SIGNS - SCHOOL			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
3.01	30" Pentagon (D.G. - Florescent Yellow/Green)	EACH	\$35.80
3.02	36" Pentagon (D.G. - Florescent Yellow/Green)	EACH	\$51.57
3.03	24"x 8" (D.G. - Florescent Yellow/Green)	EACH	\$8.51
3.04	24"x 10" (H.I.P. - White)	EACH	\$8.08
3.05	24"x 12" (D.G. - Florescent Yellow/Green)	EACH	\$12.62
3.06	24"x 48" (D.G. - Florescent Yellow/Green and H.I.P. - White)*	EACH	\$38.80
3.07	30"x 30" (D.G. - Florescent Yellow/Green)	EACH	\$38.02
3.08	36"x 12" (D.G. - Florescent Yellow/Green)	EACH	\$18.26
3.09	36"x 36" (D.G. - Florescent Yellow/Green)	EACH	\$54.77
	*per TMUTCD S5-1		
BRACKET/POST AND HARDWARE			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
4.01	2 3/8" Post Bracket	EACH	\$1.95
4.02	3" Post Bracket	EACH	NO BID
4.03	2 3/8" Back to Back Post Brackets	EACH	\$7.95
4.04	Wedge Steel System Anchor (socket and wedge)	EACH	\$26.40
4.05	Triangular Slipbase System (complete assembly with tri-base ground stub)	EACH	NO BID
4.06	Triangular Slipbase System (anchor, collar, fasteners – excluding ground stub anchor)	EACH	NO BID
STREET SIGNS BLANKS AND HARDWARE			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
5.01	6"x 18" Flat (H.I.P. - White)	EACH	\$6.38
5.02	6"x 24" Flat (H.I.P. - White)	EACH	\$7.47
5.03	6"x 30" Flat (H.I.P. - White)	EACH	\$9.25
5.04	6"x 36" Flat (H.I.P. - White)	EACH	\$11.09
5.05	9"x 24" Flat (H.I.P. - White)	EACH	\$11.18
5.06	9"x 30" Flat (H.I.P. - White)	EACH	\$13.86
5.07	9"x 36" Flat (H.I.P. - White)	EACH	\$16.60
5.08	Cap Round - 2 3/8" x 5 1/2" Flat Blade Holder	EACH	\$4.25
5.09	Cap Round - 2 3/8" x 12" Flat Blade Holder	EACH	\$8.95

5.10	Cap Round - 3" x 5 1/2" Flat Blade Holder	EACH	\$5.95
5.11	Cap Round - 3" x 12" Flat Blade Holder	EACH	\$13.95
5.12	90° Tee - 5 1/2" Flat Blade	EACH	\$4.10
5.13	90° Tee - 12" Flat Blade Holder	EACH	\$8.95
POSTS			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
6.01	10' x 2 3/8" O.D. Round Post	EACH	NO BID
6.02	12' x 2 3/8" O.D. Round Post	EACH	NO BID
6.03	6' Green U-Channel Post	EACH	NO BID
6.04	6' Galvanized U-Channel Post	EACH	NO BID
6.05	12' Green U-Channel Post	EACH	NO BID
6.06	12' x 2-7/8" O.D. 10 BWG Post complete assembly with Pins	EACH	NO BID
6.07	11' x 1-3/4" Perforated Square Metal Tubing	EACH	NO BID
6.08	10' Steel T-leg Assembly* – 5' x 2" square leg base, and two 3' base ends (feet) 1 3/4" square with 5/16" holes.	EACH	NO BID
6.09	4' x 1 3/4" square T-leg with 5' x 2" square base*	EACH	NO BID
6.10	3' x 1 3/4" Perforated Square Metal Tubing - Base End (Foot)* with pins	EACH	NO BID
6.11	5' x 2" Perforated Square Metal Tubing - Single Leg Base* with stub out and pins	EACH	NO BID
	*see assembly for single leg base (skid mounted) on lower left corner of sheet BC (5)-14		
ROLL GOODS			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
7.01	7"x 50 Yards - Barricade Tape (H.I.P.) Red / White	EACH	\$140.56
7.02	7"x 50 Yards - Barricade Tape (H.I.P.) Orange / White	EACH	\$140.56
7.03	30" x 50 Yards - Reflective Sheeting (E.G.)	EACH	\$392.50
7.04	30" x 50 Yards - Reflective Sheeting (H.I.P.)	EACH	\$465.00
7.05	30" x 50 Yards - Reflective Sheeting (D.G.)	EACH	\$888.75
7.06	30" x 50 Yards - Non Reflective Sheeting (Black Vinyl)	EACH	\$408.75
7.07	30" x 50 Yards - Non Reflective Sheeting (Orange Vinyl)	EACH	\$408.75
7.08	30" x 50 Yards - E.C. Film	EACH	\$363.75
7.09	48" x 50 Yards - Reflective Sheeting (E.G.)	EACH	\$468.00
7.10	48" x 50 Yards - Reflective Sheeting (H.I.P.)	EACH	\$744.00
7.11	48" x 50 Yards - Non Reflective Sheeting (Black Vinyl)	EACH	\$654.00
7.12	48" x 50 Yards - Non Reflective Sheeting (Orange Vinyl)	EACH	\$654.00
7.13	48" x 50 Yards - E.C. Film	EACH	\$582.00
7.14	6" x 100 Yards - Clear Application Tape	EACH	\$23.25
7.15	12" x 100 Yards - Clear Applicaton Tape	EACH	\$46.50
7.16	24" x 100 Yards - Clear Applicaton Tape	EACH	\$93.00
7.17	30" x 100 Yards - Clear Applicaton Tape	EACH	\$116.25
BARRICADE MATERIAL			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
8.01	1"x 8"x 8' Barricade Rail (plank)	EACH	NO BID
8.02	Type I 24" Barricade with Sheeting	EACH	NO BID
8.03	Type II 24" Barricade with Sheeting	EACH	NO BID
8.04	Type III 4' Barricade with Sheeting	EACH	NO BID
8.05	Type III 8' Barricade with Sheeting	EACH	NO BID
8.06	Barricade base/skid (5'- 2" square steel tubing with 6" stub out)	EACH	NO BID

8.07	1 3/4" x 1 3/4" x 5' X-tube barricade stiffener with standard holes	EACH	NO BID
FLEXIBLE ROLL UP SIGNS			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
9.01	36" Non Reflective Sign	EACH	NO BID
9.02	36" Reflective Sign	EACH	NO BID
9.03	48" Non Reflective Sign	EACH	NO BID
9.04	48" Reflective Sign	EACH	NO BID
9.05	Rubber Sign Stand (min. 38 lbs)	EACH	NO BID
DELINEATOR AND OBJECT MARKERS			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
10.01	62" Soil Mounted Flexible Guide Post w/ Soil Anchor w/ 3" x 12" Yellow H.I.P. Sheeting	EACH	NO BID
10.02	28" Cones w/ Reflective Bands - 9.5 lbs. min (two-piece cone with separate weighted base)	EACH	NO BID
10.03	36"- 42" Drums w/ Reflective Bands with Tire Ring Base	EACH	NO BID
10.04	Barrier reflector - GF-1	EACH	NO BID
10.05	Barrier reflector - GF-2	EACH	NO BID
10.06	Barrier reflector - CTB	EACH	NO BID
10.07	Temporary Flexible-Reflective Roadway Marker Tabs	EACH	NO BID
10.08	Reflector 6" x 12" (Size 3)	EACH	NO BID
10.09	12" x 36" Object Marker - OM -3L (H.I.P.)	EACH	\$13.68
10.10	12" x 36" Object Marker - OM -3R (H.I.P.)	EACH	\$13.68
10.11	12" x 36" Object Marker - OM -3C (H.I.P.)	EACH	\$13.68
10.12	18" x 18" Object Marker - OM -4 (H.I.P.)	EACH	NO BID
10.13	36" (yellow or white) Flexible Delineator Post with 2-3" HI Wraps with base	EACH	NO BID
10.14	36" (yellow or white) Flexible Delineator Post with 2-3" HI Wraps	EACH	NO BID
10.15	48" (yellow or white) Flexible Delineator Post with 2-3" HI Wraps with base	EACH	NO BID
10.16	48" (yellow or white) Flexible Delineator Post with 2-3" HI Wraps	EACH	NO BID
10.17	600cc Epoxy Cartridge	EACH	NO BID
10.18	Adhesive 795A	EACH	NO BID
10.19	8" x 20' Butyl Roll	EACH	NO BID
10.20	8" x 8" Butyl Pads	EACH	NO BID
10.21	Modular Lane Separator Curb System	EACH	NO BID
CWZTCDL SUBSTRATES FOR SIGNS BLANKS FOR SHORT-TERM/SHORT DURATION			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
11.01	24" x 30" 10 MM Coroplast w/ Sheeting and Boarder (various colors)	EACH	NO BID
11.02	36" x 36" 10 MM Coroplast w/ Sheeting and Boarder (various colors)	EACH	NO BID
11.03	48" x 96" 10 MM Coroplast w/ Sheeting and Boarder (various colors)	EACH	NO BID
11.04	60" x 30" 10 MM Coroplast w/ Sheeting and Boarder (various colors)	EACH	NO BID

Supplier: **Vulcan Signs**

Bidder References

List the last (3) companies or governmental agencies, where the same or similar goods and/or services as contained in this IFB package, were recently provided by Bidder.

Reference 1

Client Name:
State of Alabama Montgomery Alabama

Location:

Contact Name:
Crist Watts

Title:

Phone:
40-836-8062

E-mail

Contract Date To:
4/13/2015 4/12/2019

Contract Date From:

Contract Value: \$

Scope of Work:
Signs, blanks and reflective sheeting

Reference 2

Client Name:
State of Louisiana Baton Rouge, LA

Location:

Contact Name:
Mattie Sachse

Title:

Phone:
225-379-1761

E-mail

Contract Date To:
9/1/2018 9/30/2019

Contract Date From:

Contract Value: \$

Scope of Work:
Traffic Signs and Posts

Reference 3

Client Name:
Harris County, TX Houston, TX

Location:

Contact Name:
Sandra Melancon Purchaser

Title:

Phone:
713-274-5668

E-mail

Contract Date To:
2/1/2014 1/31/2019

Contract Date From:

Contract Value: \$

Scope of Work:
Posts and Blanks

Supplier: **Vulcan Signs****CONFLICT OF INTEREST QUESTIONNAIRE****FORM CIQ****For vendor doing business with local governmental entity****OFFICE USE ONLY**

Date Received

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

1 Name of vendor who has a business relationship with local governmental entity.

Vulcan Inc.

2 **Check this box if you are filing an update to a previously filed questionnaire.** (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

3 Name of local government officer about whom the information is being disclosed.

Name of Officer

4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?

Yes No

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

Yes No

5 Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.

6 Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

7 Signature is not required if completing in BIDSYNC electronically;

David B. Beviacqua

Signature of vendor doing business with the governmental entity

vulcan101

Date

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

A complete copy of Chapter 176 of the Local Government Code may be found at [http://www.statutes.legis.state.tx.us/ Docs/LG/htm/LG.176.htm](http://www.statutes.legis.state.tx.us/Docs/LG/htm/LG.176.htm). For easy reference, below are some of the sections cited on this form.

Local Government Code § 176.001(1-a): "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

- (A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity;
- (B) a transaction conducted at a price and subject to terms available to the public; or
- (C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency.

Local Government Code § 176.003(a)(2)(A) and (B):

- (a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

- (2) the vendor:

(A) has an employment or other business relationship with the local government officer or a family member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds \$2,500 during the 12-month period preceding the date that the officer becomes aware that

(i) a contract between the local governmental entity and vendor has been executed; or

(ii) the local governmental entity is considering entering into a contract with the vendor;

(B) has given to the local government officer or a family member of the officer one or more gifts that have an aggregate value of more than \$100 in the 12-month period preceding the date the officer becomes aware that:

(i) a contract between the local governmental entity and vendor has been executed;

or (ii) the local governmental entity is considering entering into a contract with the vendor.

Local Government Code § 176.006(a) and (a-1)

- (a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

(1) has an employment or other business relationship with a local government officer of that local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);

(2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or

(3) has a family relationship with a local government officer of that local governmental entity. (a-1)

The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

- (2) the date that the vendor:

(A) begins discussions or negotiations to enter into a contract with the local governmental entity; or

(B) submits to the local governmental entity an application, response to a request for proposals or bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

- (3) the date the vendor becomes aware:

(A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);

(B) that the vendor has given one or more gifts described by Subsection (a); or (C) of a family relationship with a local government officer.

Form provided by Texas Ethics Commission

www.ethics.state.tx.us

Revised 11/30/2015

Supplier: **Vulcan Signs**

BID AFFIDAVIT

This form must be completed, signed, notarized and returned with Bid package

The undersigned attests that the company named below, under the provisions of Subtitle F, Title 10, Texas Government Code Chapter 2270:

1. Does not boycott Israel currently; and
2. Will not boycott Israel during the term of the contract.

Pursuant to Section 2270.001, Texas Government Code:

1. "Boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes; and
2. "Company" means a for-profit sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, or any limited liability company, including a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate of those entities or business associations that exist to make a profit.

The undersigned certifies that the IFB and the Bidder's Bid have been carefully reviewed and are submitted as correct and final. Bidder further certifies and agrees to furnish any and/or all goods and/or services upon which prices are extended at the price Bid, and upon the conditions contained in the IFB.

I hereby certify that the foregoing Bid has not been prepared in collusion with any other Bidder or other person or persons engaged in the same line of business prior to the official opening of this Bid. Further, I certify that the Bidder is not now, nor has been for the past six (6) months, directly or indirectly concerned in any pool or agreement or combination, to control the price of services/commodities Bid on, or to influence any person or persons to submit a Bid or not to submit a Bid thereon."

Name of Bidder:	Vulcan Inc.
Address of Bidder:	PO BOX 1850 Foley, AL 36536
Email:	vulcan3@vulcaninc.com
Telephone:	800-633-6845
Printed Name of Person Submitting Affidavit:	David B. Beviacqua
Signature of Person Submitting Affidavit:	David B. Beviacqua

Cooperative Purchasing Program

Check one of the following options below. A non-affirmative Bid will in no way have a negative impact on the County's evaluation of the Bid.

<input checked="" type="checkbox"/>	I will offer the quoted prices to all authorized entities during the term of the County's Contract.
<input type="checkbox"/>	I will not offer the quoted prices to all authorized entities.

If no box is checked, the Bidder agrees to make best efforts in good faith to offer the quoted prices to all authorized entities.

BEFORE ME, the undersigned authority, a Notary Public, personally appeared **David B. Beviacqua** (*Name of Signer*), who after being by me duly sworn, did depose and say: "I, **David B. Beviacqua**, (*Name of Signer*) am a duly authorized officer of/agent for **Vulcan Inc.** (*Name of Bidder*) and have been duly authorized to execute the foregoing on behalf of the said **Vulcan Inc.** (*Name of Bidder*).

SUBSCRIBED AND SWORN to before me by the above-named **David B. Beviacqua**
on this the **19** day of **December**, 2018.

Paul I. Leonard
Notary Public in and for
The State of **Alabama**
The County of **Baldwin**

SIGNATURE AND NOTARY NOT REQUIRED IF COMPLETING IN BIDS SYNC ELECTRONICALLY.

Dobie Supply LLC

Bid Contact **Douglas Phillips**
doug@dobiesupply.com
Ph 512-709-1453

Address **3809 S. 2nd St. #D200**
Austin, TX 78704

Bid Notes **Stop/Slow paddle- High intensity. Primarily sold with high quality telescopic plastic handle, but can be provided with wooden staff if requested.**

3 inch Posts / caps/ brackets* these were bid as 2 7/8OD posts (TXDOT standard) often referred to as 3 inch.**

Signs to be printed and will meet or exceed all visibility standards and requirements.

Curb Separator Specs:

36" White Super Post with Round Top, Shur-Flex

Sq2Rd Insert, 2ea - RPM's, 5/16" x 2-3/4" Flange

Bolt & Lock Nut, 3/8" x 3" Pin & 6ea - 1/2" Anchor

Bolts, Washers and Nylon Plugs 3" x 8" Orafol White C85 Hi Impact Sheeting Wraps (2 per post)

Item #	Line Item Notes	Unit Price	Qty/Unit	Attch.	Docs
1811-275--01-01	<p>Please attach all items to this line.</p> <p>Supplier Product Code:</p> <p>Supplier Notes: As a local Vendor (HQ in Austin, and Physical address in Buda), we are willing to provide samples and/or a manufacturers list upon request.</p> <p>*** All documents other than the line item bid sheet were filled out electronically through Bidsync, and thus were not attached here. I did download the files as well, so please let me know if I have to submit them in a different manner.***</p>	First Offer -	1 / each	Y	Y
Supplier Total				\$0.00	

Dobie Supply LLC

Item: **Please attach all items to this line.**

Attachments

Signs_and_Markers_Bid_Sheet-Dobie Supply.xlsx

Signs and Markers Bid Sheet

TMUTCD SIGNS - REGULATORY			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
1.01	24" Stop/Slow Paddles and 6' Wooden Staff	EACH	\$90.00
1.02	24" Stop/Slow Paddles	EACH	\$34.25
1.03	7' PVC (Sch 80, 1.25" Dia)	EACH	\$14.00
1.04	24" Octagon (H.I.P.)	EACH	\$22.50
1.05	30" Octagon (H.I.P.)	EACH	\$23.50
1.06	36" Octagon (H.I.P.)	EACH	\$43.50
1.07	48" Octagon (H.I.P.)	EACH	\$89.50
1.08	30" Triangle (H.I.P.)	EACH	\$24.75
1.09	36" Triangle (H.I.P.)	EACH	\$28.00
1.10	12"x 6" (H.I.P.)	EACH	\$3.50
1.11	12"x 9" (H.I.P.)	EACH	\$5.00
1.12	15"x 30" (H.I.P.)	EACH	\$18.00
1.13	18"x 6" (H.I.P.)	EACH	\$5.00
1.14	18"x 12" (H.I.P.)	EACH	\$8.50
1.15	18"x 18" (H.I.P.)	EACH	\$13.50
1.16	18"x 24" (H.I.P.)	EACH	\$17.00
1.17	21"x 15" (H.I.P.)	EACH	\$17.50
1.18	24"x 24" (H.I.P.)	EACH	\$18.50
1.19	24"x 30" (H.I.P.)	EACH	\$25.75
1.20	24"x 36" (H.I.P.)	EACH	\$31.25
1.21	24"x 42" (H.I.P.)	EACH	\$41.50
1.22	24"x 48" (H.I.P.)	EACH	\$47.00
1.23	30"x 18" (H.I.P.)	EACH	\$20.00
1.24	30"x 24" (H.I.P.)	EACH	\$25.75
1.25	30"x 30" (H.I.P.)	EACH	\$31.75
1.26	30"x 36" (H.I.P.)	EACH	\$38.25
1.27	30"x 42" (H.I.P.)	EACH	\$36.50
1.28	36"x 12" (H.I.P.)	EACH	\$12.75
1.29	36"x 18" (H.I.P.)	EACH	\$29.50
1.30	36"x 24" (H.I.P.)	EACH	\$33.50
1.31	36"x 36" (H.I.P.)	EACH	\$37.00
1.32	48"x 9" (H.I.P.)	EACH	\$19.00
1.33	48"x 24" (H.I.P.)	EACH	\$47.00
1.34	48"x 30" (H.I.P.)	EACH	\$38.75
1.35	60"x 30" (H.I.P.)	EACH	\$81.00
TMUTCD SIGNS - WARNING			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
2.01	30" Circle (H.I.P.)	EACH	\$31.75
2.02	36" Circle (H.I.P.)	EACH	\$35.50
2.03	12"x 18" (H.I.P.)	EACH	\$8.50
2.04	18"x 18" (H.I.P.)	EACH	\$13.50
2.05	18"x 24" (H.I.P.)	EACH	\$17.50
2.06	24"x 12" (H.I.P.)	EACH	\$10.25
2.07	24"x 24" (H.I.P.)	EACH	\$15.75

2.08	24"x 30" (H.I.P.)	EACH	\$25.75
2.09	30"x 15" (H.I.P.)	EACH	\$22.00
2.10	30"x 30" (H.I.P.)	EACH	\$31.50
2.11	30"x 36" (H.I.P.)	EACH	\$38.25
2.12	36"x 12" (H.I.P.)	EACH	\$13.00
2.13	36"x 18" (H.I.P.)	EACH	\$25.75
2.14	36"x 24" (H.I.P.)	EACH	\$33.50
2.15	36"x 36" (H.I.P.)	EACH	\$35.00
2.16	36"x 48" (H.I.P.)	EACH	\$92.50
2.17	48"x 24" (H.I.P.)	EACH	\$47.00
2.18	48"x 48" (H.I.P.)	EACH	\$89.50
2.19	48"x 60" (H.I.P.)	EACH	\$94.50
2.20	60"x 30" (H.I.P.)	EACH	\$80.50
2.21	66"x 12" (H.I.P.)	EACH	\$75.00
2.22	84"x 24" (H.I.P.)	EACH	\$90.00
TMUTCD SIGNS - SCHOOL			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
3.01	30" Pentagon (D.G. - Florescent Yellow/Green)	EACH	\$52.00
3.02	36" Pentagon (D.G. - Florescent Yellow/Green)	EACH	\$60.75
3.03	24"x 8" (D.G. - Florescent Yellow/Green)	EACH	\$10.00
3.04	24"x 10" (H.I.P. - White)	EACH	\$10.00
3.05	24"x 12" (D.G. - Florescent Yellow/Green)	EACH	\$15.00
3.06	24"x 48" (D.G. - Florescent Yellow/Green and H.I.P. - White)*	EACH	\$28.50
3.07	30"x 30" (D.G. - Florescent Yellow/Green)	EACH	\$51.50
3.08	36"x 12" (D.G. - Florescent Yellow/Green)	EACH	\$18.50
3.09	36"x 36" (D.G. - Florescent Yellow/Green)	EACH	\$60.75
	*per TMUTCD S5-1		
BRACKET/POST AND HARDWARE			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
4.01	2 3/8" Post Bracket	EACH	\$2.45
4.02	3" Post Bracket	EACH	\$2.50
4.03	2 3/8" Back to Back Post Brackets	EACH	\$1.95
4.04	Wedge Steel System Anchor (socket and wedge)	EACH	\$13.25
4.05	Triangular Slipbase System (complete assembly with tri-base ground stub)	EACH	\$80.00
4.06	Triangular Slipbase System (anchor, collar, fasteners – excluding ground stub anchor)	EACH	\$50.00
STREET SIGNS BLANKS AND HARDWARE			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
5.01	6"x 18" Flat (H.I.P. - White)	EACH	\$9.25
5.02	6"x 24" Flat (H.I.P. - White)	EACH	\$10.00
5.03	6"x 30" Flat (H.I.P. - White)	EACH	\$10.60
5.04	6"x 36" Flat (H.I.P. - White)	EACH	\$11.00
5.05	9"x 24" Flat (H.I.P. - White)	EACH	\$17.50
5.06	9"x 30" Flat (H.I.P. - White)	EACH	\$17.95
5.07	9"x 36" Flat (H.I.P. - White)	EACH	\$18.25
5.08	Cap Round - 2 3/8" x 5 1/2" Flat Blade Holder	EACH	\$3.50
5.09	Cap Round - 2 3/8" x 12" Flat Blade Holder	EACH	\$10.00

5.10	Cap Round - 3" x 5 1/2" Flat Blade Holder	EACH	\$5.50
5.11	Cap Round - 3" x 12" Flat Blade Holder	EACH	\$12.75
5.12	90° Tee - 5 1/2" Flat Blade	EACH	\$3.50
5.13	90° Tee - 12" Flat Blade Holder	EACH	\$10.00
POSTS			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
6.01	10' x 2 3/8" O.D. Round Post	EACH	\$17.50
6.02	12' x 2 3/8" O.D. Round Post	EACH	\$21.00
6.03	6' Green U-Channel Post	EACH	\$6.50
6.04	6' Galvanized U-Channel Post	EACH	\$9.00
6.05	12' Green U-Channel Post	EACH	\$17.25
6.06	12' x 2-7/8" O.D. 10 BWG Post complete assembly with Pins	EACH	\$72.50
6.07	11' x 1-3/4" Perforated Square Metal Tubing	EACH	\$27.00
6.08	10' Steel T-leg Assembly* – 5' x 2" square leg base, and two 3' base ends (feet) 1 3/4" square with 5/16" holes.	EACH	\$45.00
6.09	4' x 1 3/4" square T-leg with 5' x 2" square base*	EACH	\$32.50
6.10	3' x 1 3/4" Perforated Square Metal Tubing - Base End (Foot)* with pins	EACH	\$10.00
6.11	5' x 2" Perforated Square Metal Tubing - Single Leg Base* with stub out and pins	EACH	\$20.00
	*see assembly for single leg base (skid mounted) on lower left corner of sheet BC (5)-14		
ROLL GOODS			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
7.01	7"x 50 Yards - Barricade Tape (H.I.P.) Red / White	EACH	\$145.00
7.02	7"x 50 Yards - Barricade Tape (H.I.P.) Orange / White	EACH	\$145.00
7.03	30" x 50 Yards - Reflective Sheeting (E.G.)	EACH	\$310.00
7.04	30" x 50 Yards - Reflective Sheeting (H.I.P.)	EACH	\$550.00
7.05	30" x 50 Yards - Reflective Sheeting (D.G.)	EACH	\$1,285.00
7.06	30" x 50 Yards - Non Reflective Sheeting (Black Vinyl)	EACH	\$112.50
7.07	30" x 50 Yards - Non Reflective Sheeting (Orange Vinyl)	EACH	\$125.00
7.08	30" x 50 Yards - E.C. Film	EACH	\$455.00
7.09	48" x 50 Yards - Reflective Sheeting (E.G.)	EACH	\$495.00
7.10	48" x 50 Yards - Reflective Sheeting (H.I.P.)	EACH	\$895.00
7.11	48" x 50 Yards - Non Reflective Sheeting (Black Vinyl)	EACH	\$180.00
7.12	48" x 50 Yards - Non Reflective Sheeting (Orange Vinyl)	EACH	\$200.00
7.13	48" x 50 Yards - E.C. Film	EACH	\$730.00
7.14	6" x 100 Yards - Clear Application Tape	EACH	\$18.00
7.15	12" x 100 Yards - Clear Applicaton Tape	EACH	\$36.00
7.16	24" x 100 Yards - Clear Applicaton Tape	EACH	\$72.00
7.17	30" x 100 Yards - Clear Applicaton Tape	EACH	\$90.00
BARRICADE MATERIAL			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
8.01	1"x 8"x 8' Barricade Rail (plank)	EACH	\$9.75
8.02	Type I 24" Barricade with Sheeting	EACH	\$39.00
8.03	Type II 24" Barricade with Sheeting	EACH	\$43.50
8.04	Type III 4' Barricade with Sheeting	EACH	\$75.00
8.05	Type III 8' Barricade with Sheeting	EACH	\$110.50
8.06	Barricade base/skid (5'- 2" square steel tubing with 6" stub out)	EACH	\$18.00

8.07	1 3/4" x 1 3/4" x 5' X-tube barricade stiffener with standard holes	EACH	\$14.00
FLEXIBLE ROLL UP SIGNS			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
9.01	36" Non Reflective Sign	EACH	\$45.00
9.02	36" Reflective Sign	EACH	\$53.00
9.03	48" Non Reflective Sign	EACH	\$70.00
9.04	48" Reflective Sign	EACH	\$82.50
9.05	Rubber Sign Stand (min. 38 lbs)	EACH	\$75.00
DELINEATOR AND OBJECT MARKERS			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
10.01	62" Soil Mounted Flexible Guide Post w/ Soil Anchor w/ 3" x 12" Yellow H.I.P. Sheeting	EACH	\$50.00
10.02	28" Cones w/ Reflective Bands - 9.5 lbs. min (two-piece cone with separate weighted base)	EACH	\$16.50
10.03	36"- 42" Drums w/ Reflective Bands with Tire Ring Base	EACH	\$39.50
10.04	Barrier reflector - GF-1	EACH	\$2.55
10.05	Barrier reflector - GF-2	EACH	\$3.40
10.06	Barrier reflector - CTB	EACH	\$1.19
10.07	Temporary Flexible-Reflective Roadway Marker Tabs	EACH	\$0.42
10.08	Reflector 6" x 12" (Size 3)	EACH	\$4.75
10.09	12" x 36" Object Marker - OM -3L (H.I.P.)	EACH	\$13.00
10.10	12" x 36" Object Marker - OM -3R (H.I.P.)	EACH	\$13.00
10.11	12" x 36" Object Marker - OM -3C (H.I.P.)	EACH	\$13.00
10.12	18" x 18" Object Marker - OM -4 (H.I.P.)	EACH	\$27.75
10.13	36" (yellow or white) Flexible Delineator Post with 2-3" HI Wraps with base	EACH	\$23.50
10.14	36" (yellow or white) Flexible Delineator Post with 2-3" HI Wraps	EACH	\$15.00
10.15	48" (yellow or white) Flexible Delineator Post with 2-3" HI Wraps with base	EACH	\$23.50
10.16	48" (yellow or white) Flexible Delineator Post with 2-3" HI Wraps	EACH	\$15.00
10.17	600cc Epoxy Cartridge	EACH	\$17.50
10.18	Adhesive 795A	EACH	\$10.00
10.19	8" x 20' Butyl Roll	EACH	\$32.25
10.20	8" x 8" Butyl Pads	EACH	\$3.50
10.21	Modular Lane Separator Curb System	EACH	\$85.00
CWZTCDL SUBSTRATES FOR SIGNS BLANKS FOR SHORT-TERM/SHORT DURATION			
ITEM	DESCRIPTION	UNIT	UNIT PRICE
11.01	24" x 30" 10 MM Coroplast w/ Sheeting and Boarder (various colors)	EACH	\$16.25
11.02	36" x 36" 10 MM Coroplast w/ Sheeting and Boarder (various colors)	EACH	\$29.25
11.03	48" x 96" 10 MM Coroplast w/ Sheeting and Boarder (various colors)	EACH	\$98.50
11.04	60" x 30" 10 MM Coroplast w/ Sheeting and Boarder (various colors)	EACH	\$42.00

Supplier: Dobie Supply LLC

Bidder References

List the last (3) companies or governmental agencies, where the same or similar goods and/or services as contained in this IFB package, were recently provided by Bidder.

Reference 1

Client Name:
City of San Marcos San Marcos Texas

Location:

Contact Name:
Rachel Purchasing

Title:

Phone:
512-393-8032 rmartinez2@sanmarcostx.gov

E-mail

Contract Date To: NA Contract Date From: Contract Value: \$

Scope of Work:

Provide materials to the City for streets and signage department. They do not utilize annual bidding, so this is done through a quote evaluation per project.

Reference 2

Client Name:
City of College Station College Station Texas

Location:

Contact Name:
Jack Matous Signs and Signal Superintendent

Title:

Phone:
979-764-3875 jmatous@cstx.gov

E-mail

Contract Date To: 9/2018 Contract Date From: 9/2019-up to 5 year renewal Contract Value: \$90,000.00

Scope of Work:

Providing materials for sign and signal department.

Reference 3

Client Name:
City of Friendswood Friendswood, Texas

Location:

Contact Name:
Savino Chapa Sign Shop Supervisor

Title:

Phone:
281-948-2557 schapa@ci.friendswood.tx.us

E-mail

Contract Date To: Contract Date From: Contract Value: \$
N/A

Scope of Work:
Provide materials to the City for streets and signage department. They do not utilize annual bidding, so this is done through a quote evaluation per project.

Supplier: **Dobie Supply LLC****CONFLICT OF INTEREST QUESTIONNAIRE****FORM CIQ****For vendor doing business with local governmental entity****OFFICE USE ONLY**

Date Received

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

1 Name of vendor who has a business relationship with local governmental entity.

N/A

2 **Check this box if you are filing an update to a previously filed questionnaire.** (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

3 Name of local government officer about whom the information is being disclosed.

N/A
Name of Officer

4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?

Yes No

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

Yes No

5 Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.

6 Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

7 Signature is not required if completing in BIDSYNC electronically;

Valera Byrd
Signature of vendor doing business with the governmental entity

12/27/2018
Date

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

A complete copy of Chapter 176 of the Local Government Code may be found at [http://www.statutes.legis.state.tx.us/ Docs/LG/htm/LG.176.htm](http://www.statutes.legis.state.tx.us/Docs/LG/htm/LG.176.htm). For easy reference, below are some of the sections cited on this form.

Local Government Code § 176.001(1-a): "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

- (A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity;
- (B) a transaction conducted at a price and subject to terms available to the public; or
- (C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency.

Local Government Code § 176.003(a)(2)(A) and (B):

- (a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

- (2) the vendor:

(A) has an employment or other business relationship with the local government officer or a family member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds \$2,500 during the 12-month period preceding the date that the officer becomes aware that

(i) a contract between the local governmental entity and vendor has been executed; or

(ii) the local governmental entity is considering entering into a contract with the vendor;

(B) has given to the local government officer or a family member of the officer one or more gifts that have an aggregate value of more than \$100 in the 12-month period preceding the date the officer becomes aware that:

(i) a contract between the local governmental entity and vendor has been executed;

or (ii) the local governmental entity is considering entering into a contract with the vendor.

Local Government Code § 176.006(a) and (a-1)

- (a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

(1) has an employment or other business relationship with a local government officer of that local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);

(2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or

(3) has a family relationship with a local government officer of that local governmental entity. (a-1)

The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

- (2) the date that the vendor:

(A) begins discussions or negotiations to enter into a contract with the local governmental entity; or

(B) submits to the local governmental entity an application, response to a request for proposals or bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

- (3) the date the vendor becomes aware:

(A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);

(B) that the vendor has given one or more gifts described by Subsection (a); or (C) of a family relationship with a local government officer.

Form provided by Texas Ethics Commission

www.ethics.state.tx.us

Revised 11/30/2015

Supplier: Dobie Supply LLC

BID AFFIDAVIT

This form must be completed, signed, notarized and returned with Bid package

The undersigned attests that the company named below, under the provisions of Subtitle F, Title 10, Texas Government Code Chapter 2270:

1. Does not boycott Israel currently; and
2. Will not boycott Israel during the term of the contract.

Pursuant to Section 2270.001, Texas Government Code:

1. "Boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes; and
2. "Company" means a for-profit sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, or any limited liability company, including a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate of those entities or business associations that exist to make a profit.

The undersigned certifies that the IFB and the Bidder's Bid have been carefully reviewed and are submitted as correct and final. Bidder further certifies and agrees to furnish any and/or all goods and/or services upon which prices are extended at the price Bid, and upon the conditions contained in the IFB.

I hereby certify that the foregoing Bid has not been prepared in collusion with any other Bidder or other person or persons engaged in the same line of business prior to the official opening of this Bid. Further, I certify that the Bidder is not now, nor has been for the past six (6) months, directly or indirectly concerned in any pool or agreement or combination, to control the price of services/commodities Bid on, or to influence any person or persons to submit a Bid or not to submit a Bid thereon."

Name of Bidder:	Dobie Supply, LLC.
Address of Bidder:	601 Industrial dr. Buda, TX. 78610
Email:	val@dobiesupply.com
Telephone:	5124376499
Printed Name of Person Submitting Affidavit:	Valera Byrd
Signature of Person Submitting Affidavit:	Valera Byrd

Cooperative Purchasing Program

Check one of the following options below. A non-affirmative Bid will in no way have a negative impact on the County's evaluation of the Bid.

<input type="checkbox"/>	I will offer the quoted prices to all authorized entities during the term of the County's Contract.
<input type="checkbox"/>	I will not offer the quoted prices to all authorized entities.

If no box is checked, the Bidder agrees to make best efforts in good faith to offer the quoted prices to all authorized entities.

BEFORE ME, the undersigned authority, a Notary Public, personally appeared (*Name of Signer*), who after being by me duly sworn, did depose and say: "I, , (*Name of Signer*) am a duly authorized officer of/agent for (*Name of Bidder*) and have been duly authorized to execute the foregoing on behalf of the said (*Name of Bidder*).

SUBSCRIBED AND SWORN to before me by the above-named
on this the day of , 20.

Notary Public in and for

The State of

The County of

SIGNATURE AND NOTARY NOT REQUIRED IF COMPLETING IN BIDS SYNC ELECTRONICALLY.