



BID 50-131878
PURCHASE OF FULL CUBE MICROPRISMATIC RETROREFLECTIVE FILM
FOR THE DEPARTMENT OF TRAFFIC ENGINEERING

August 13, 2020 @ 11:00 A.M.

ATTENTION VENDORS!!!

Please review all pages and respond accordingly, complying with all provisions in the technical specifications and Jefferson Parish Instructions for Bidders and General Terms and Conditions. All bids must be received in the Purchasing Department by the bid due date and time.

Jefferson Parish Purchasing Department
200 Derbigny Street, Suite 4400
Gretna, LA 70053
Please Email Questions To:
Mark Buttery
MButtery@jeffparish.net
504-364-2810

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 1

DATE: 8/04/2020

BID NO.: 50-00131878

JEFFERSON PARISH
PURCHASING DEPARTMENT
P.O. BOX 9
GRETNA, LA. 70054-0009
504-364-2678

VENDOR: *Osburn Associates, Inc.*

BUYER: MBUTTERY@jeffparish.net

Bids will be received until 11:00 AM, 8/13/2020 via online at www.jeffparishbids.net or by hand delivery, USPS mail or other courier service to Purchasing Department, 200 Derbigny Street (General Government Building), Suite 4400, Gretna, LA 70053. For convenience, bidders may also submit bids in the East Bank Purchasing Department, Suite 404, Jefferson Parish Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Jefferson LA 70123. However, if submitting bids on the day of bid opening, bidders must submit at the West Bank location only.

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law, as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 113646 and/or Resolution No. 113647. A copy of these resolutions may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at purchasing.jeffparish.net and clicking on On-line forms.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from <http://purchasing.jeffparish.net> and by clicking on Vendor Information. Current W-9 forms with respective Tax Identification numbers and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, vendor registration is mandatory. Vendors may experience a delay in payment if your company is not a registered vendor with Jefferson Parish.

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Delivered, anywhere within the Parish as designated by the Purchasing Department. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications. JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit prices shall prevail.

JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIVE AND RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE

PROTESTS: Only those vendors that submit bids in response to this solicitation may protest any element of the procurement, in writing to the Director of the Purchasing Department. Written protest must be received within 48 hours of the release of the bid tabulation by the Purchasing Department. After consultation, the Parish Attorney's Office will then respond to protests in writing. (For more information, please see Chapter 2, Article VII, Division 2, Sec. 2-914.1 of the Jefferson Parish Code of Ordinances.)

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in the quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year guaranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum.

All formal Addenda require written acknowledgment on the bid form by the bidder. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected; JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A1 17.1-1961).

Jefferson Parish and its partners as the recipients of federal funds are fully committed to awarding a contract(s) to firm(s) that will provide high quality services and that are dedicated to diversity and to containing costs. Thus, Jefferson Parish strongly encourages the involvement of minority and/or woman-owned business enterprises (DBE's, including MBE's, WBE's and SBE's) to stimulate participation in procurement and assistance programs.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS

This electronic procurement system allows vendors the convenience of reviewing and submitting bids online. This is a secure site and authorized personnel have limited read access only. Bidders are encouraged to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit our E-Procurement Page at www.jeffparishbids.net to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://purchasing.jeffparish.net>.

ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

13

1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(l), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid envelope. Failure to comply will cause the bid to be rejected. Additionally if submitting the bid electronically, then the license number must be entered in the appropriate field in the Electronic Procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

7. PUBLIC WORKS BIDS: All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise state in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. NON-PUBLIC WORKS BIDS: A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. NON-PUBLIC WORKS BIDS: A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. Failure to comply with this instruction will result in bid rejection.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. Acceptable forms shall be limited to cashier's check, certified check, or surety bid bond. All sureties must be in original format (no copies). If submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required; This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
15. NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits Required in conformity with the provisions contained in LSA – RS 38:2224 and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Collusion Affidavit, Debt Disclosures Affidavit and Campaign Contribution Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
16. The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding/reimbursement. As such, the referenced appendix will be applicable accordingly and shall be considered a part of the bid documents. All applicable certifications must be duly completed, signed and submitted with bid submission. Failure to submit applicable certifications with bid submission will result in bid rejection.

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission: and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to JPCO 2-155.10(19). By signing this document, every corporation, partnership, or person contracting with PARISH, whether by cooperative endeavor, intergovernmental agreement, bid, proposal, application or solicitation for a parish contract, and every application for certification of eligibility for a parish contract or program, attests that it understands and will abide by all provisions of JPCO 2-155.10.

INVITATION TO BID
THIS IS NOT AN ORDER

DATE: 8/04/2020

BID NO.: 50-00131878

JEFFERSON PARISH

PURCHASING DEPARTMENT
P.O. BOX 9
GRETNA, LA. 70054-0009
504-364-2678

VENDOR: *Osburn Associates, Inc.*

BUYER: MBUTTERY

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywhere within the Parish as designated by the Purchasing Department.

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH is expecting all products to be new and all work to be done in workman-like manner, according to standard practices. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

DELIVERY: FOB JEFFERSON PARISH	
INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES	<u>30 Days</u>
INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK	<u>-</u>
INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK	<u>-</u>

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: _____
NUMBER: _____
NUMBER: _____
NUMBER: _____

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) _____

*** ALL BIDDERS MUST COMPLETE SECTION BELOW ***	
FIRM NAME: <i>Osburn Associates, Inc.</i>	
SIGNATURE: (Must be signed here) 	TITLE: <i>Bidding Agent</i>
PRINT OR TYPE NAME: <i>Jennifer Treadway</i>	
ADDRESS: <i>11931 SR 93 N.</i>	
CITY, STATE: <i>Logan, Ohio</i>	ZIP: <i>43138</i>
TELEPHONE: <i>(800) 523-8917</i>	FAX: <i>(740) 385-8016</i>
EMAIL ADDRESS: <i>jennifert@osburns.com</i>	

TOTAL PRICE OF ALL BID ITEMS: \$ 7,622.⁰⁰

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00131878

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	100.00	EA	PURCHASE OF FULL CUBE MICROPRISMATIC RETROREFLECTIVE FILM FOR THE DEPARTMENT OF TRAFFIC ENGINEERING 0010 REFLECTIVE NARROW KEEP RIGHT (SYM) FACE (R4-7C) 24 X 30, R 1.5, TYPE XI BLACK/WHITE ITEM # /MISC. TYPE XI FACE	9.95	995.00
2	100.00	EA	0020 REFLECTIVE NARROW KEEP LEFT (SYM), FACE, (R4-7C) 24 X 30, R 1.5, TYPE XI BLACK/WHITE ITEM # /MISC. TYPE XI FACE	9.95	995.00
3	100.00	EA	0030 REFLECTIVE DEAD END SIGN, FACE, (W14-1) 30 X 30, R 1.875, TYPE XI BLACK/YELLOW ITEM # FED W14-1-30 XI FACE	12.44	1,244.00
4	100.00	EA	0040 REFLECTIVE "NO TRESPASSING", FACE, 18 X 24, TYPE XI, RED/WHITE ITEM # /MISC. TYPE XI FACE	5.97	597.00
5	100.00	EA	0050 COVERED BLANK, 24 X 24, SQ, .080, 1 SIDE, TYPE XI, NO HOLES, RED ITEM # CBIS 24 X 24 SQ XI	19.00	1,900.00
6	100.00	EA	0060 REFLECTIVE CHEVRON ALIGNMENT SIGN, FACE (W1-8) 18 X 24, R 1.5, TYPE XI BLACK/YELLOW ITEM # FED W1-8-18 XI-FACE	5.97	597.00
7	100.00	EA	0070 REFLECTIVE WRONG WAY SIGN, FACE, (R5-1A) 24 X 18, R 1.5, TYPE XI, REVERSE RED ON WHITE ITEM # /MISC. DG3 FACE	5.97	597.00
8	200.00	EA	0080 REFLECTIVE NO PARKING (SYM), FACE, (R8-3A) 12 X 12, R 1.5, TYPE XI B	1.99	398.00

Avery Dennison® OmniCube™ T-11000 & W-11000 Series Full Cube Microprismatic Retroreflective Film

Issued: April 2018

Avery Dennison®OmniCube™ T-11000 & W-11000 Series High Intensity Microprismatic Retroreflective Film takes full-cube reflective sheeting to a new level. OmniCube full-cube prisms are 100% efficient – returning approximately 60% of the available light back to the driver compared to only 40% with other prismatic reflective sheetings.

OmniCube's Intelligent Cube Technology incorporates the needs of all vehicle types; trucks, SUVs, automobiles, and motorcycles into one reflective sheeting.

OmniCube T-11000& W-11000 is an Omni-Directional microprismatic film that incorporates tiles of full-cube 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
- Designed for all drivers in trucks, SUVs, automobiles, and motorcycles
- Field proven long term durability on safety devices worldwide
- Uniform daytime and nighttime visual appearance

Conversion:

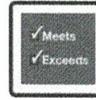
- Screen Printing
- Eco Solvent Inkjet Printing
- Thermal Die-Cut
- Flat Bed Sign-Cut
- Drum Roller Sign-Cut
- Steel Rule Sign-Cut

Applications:

- RigidPermanent and Temporary Outdoor Signage
- Rigid Work Zone Devices
- Safety Devices that require Superior Retroreflective Performance

Product Data Sheet

Reflective Solutions
7542 North Natchez Ave.
Niles, IL 60714



Performance:
ASTM D4956 Type XI
See Page 2 for complete list.



Orientation: Omni-Directional



Durability: 12 year
Vertical exposure only.



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-11500	White	
T-11501	Yellow	
T-11505	Blue	
T-11507	Green	
T-11508	Red	
T-11509	Brown	
T-11511	Fluorescent Yellow	
T-11513	Fluorescent Yellow-Green	
<i>Work Zone Products**</i>		
W-11111	Fluorescent Yellow	
W-11514	Fluorescent Orange	
W-11142	Orange	4" Left
W-11143	Pre-Striped	4" Right
W-11144	Barricade	6" Left
W-11145		6" Right

*See Page 5 for Nomenclature

**3 Year Durability



www.reflectives.averydennison.com

Avery Dennison® OmniCube™ T-11000 & W-11000 Series

Full Cube Microprismatic Retroreflective Film

Issued: April 2018

Retroreflectivity:

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

Observation Angle	Color	Entrance Angle	
		- 4°	+ 30°
0.1° ³	White	830	325
	Yellow	620	245
	Blue	37	15
	Green	83	33
	Red	125	50
	Brown	25	10
	Fluorescent Yellow	500	200
	Fluorescent Yellow-Green	660	260
	Fluorescent Orange	250	100
0.2°	White	580	220
	Yellow	435	165
	Blue	26	10
	Green	58	22
	Red	87	33
	Brown	17	7
	Fluorescent Yellow	350	130
	Fluorescent Yellow-Green	460	180
	Fluorescent Orange	175	66
0.5°	White	420	150
	Yellow	315	110
	Blue	19	7.0
	Green	42	15
	Red	63	23
	Brown	13	5
	Fluorescent Yellow	250	90
	Fluorescent Yellow-Green	340	120
	Fluorescent Orange	125	45
1.0°	White	120	45
	Yellow	90	34
	Blue	5.0	2.0
	Green	12	5.0
	Red	18	7.0
	Brown	4	1
	Fluorescent Yellow	72	27
	Fluorescent Yellow-Green	96	36
	Fluorescent Orange	36	14

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

OmniCube Series 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
EN12899/1 Class R3C	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.

¹ 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.

Product Data Sheet

Reflective Solutions
7542 North Natchez Ave.
Niles, IL 60714



www.reflectives.averydennison.com

Avery Dennison® OmniCube™ T-11000 & W-11000 Series

Full Cube Microprismatic Retroreflective Film

Issued: April 2018

Colors and Specification Limits:

Figure A: Daytime Color – CIE Color Diagram

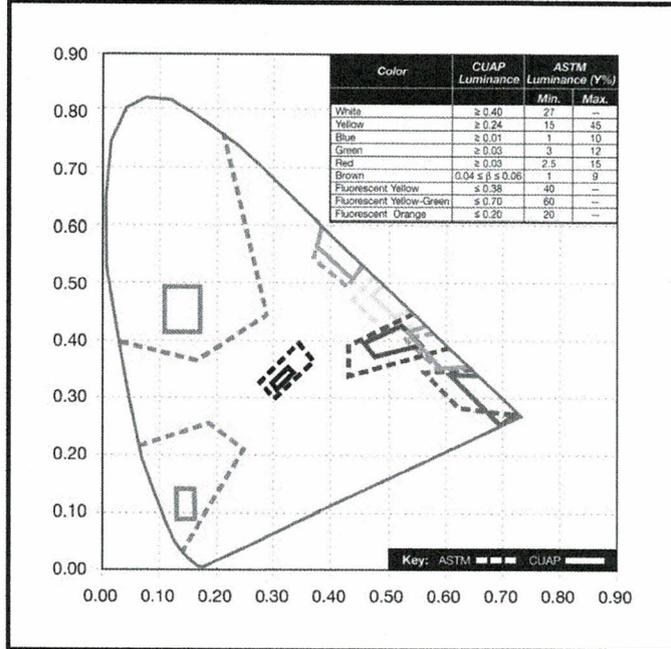
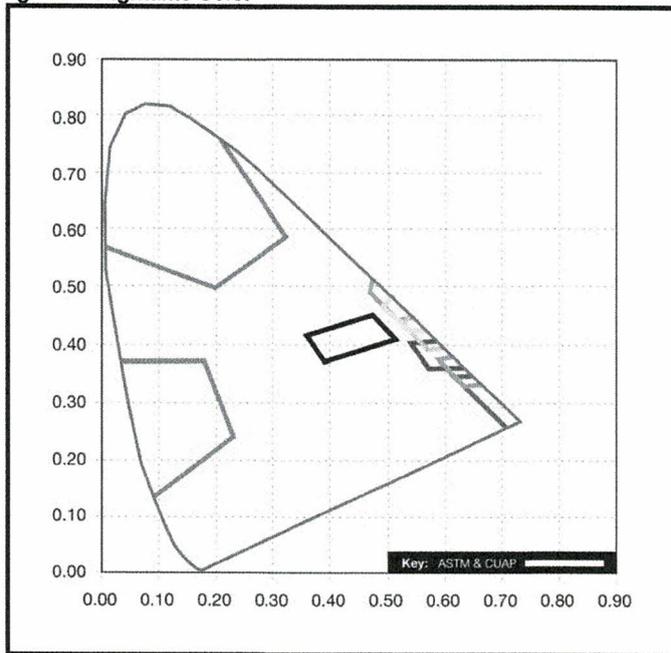


Figure B: Nighttime Color



OmniCube Series **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.

Product Data Sheet

Reflective Solutions
7542 North Natchez Ave.
Niles, IL 60714



www.reflectives.averydennison.com

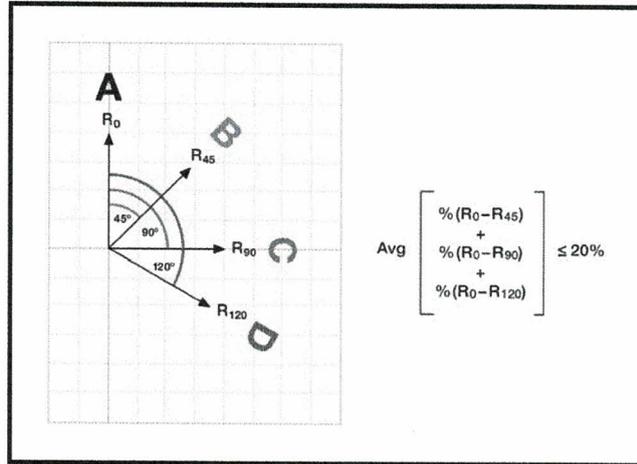
Avery Dennison® OmniCube™ T-11000 & W-11000 Series Full Cube Microprismatic Retroreflective Film

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.

Product Data Sheet

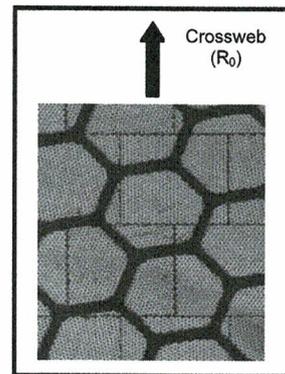
Reflective Solutions
7542 North Natchez Ave.
Niles, IL 60714

OmniCube Series 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 angle

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

Figure D



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

Figure E



www.reflectives.averydennison.com

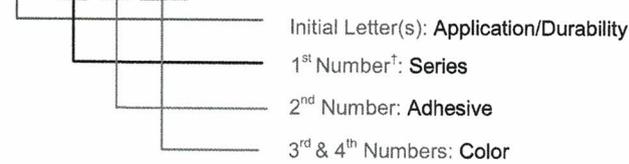
Avery Dennison® OmniCube™ T-11000 & W-11000 Series

Full Cube Microprismatic Retroreflective Film

Issued: April 2018

Nomenclature:

T-11 5 0 0



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 & Fluorescent Yellow-Green durability is 10 year

Series	11000
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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

WARRANTY

Avery Dennison OmniCube™ T-11000 & W-11000 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.

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.

Product Data Sheet

Reflective Solutions
 7542 North Natchez Ave.
 Niles, IL 60714



www.reflectives.averydennison.com



CENTRALBIDDING
FROM CENTRAL AUCTION HOUSE

**5000131878 PURCHASE OF FULL CUBE MICROPRISMATIC
RETROREFLECTIVE FILM FOR THE DEPARTMENT OF TRAFFIC
ENGINEERING**
Jefferson Parish Government

Project documents obtained from www.CentralBidding.com
05-Aug-2020 07:17:58 AM



JEFFERSON PARISH

DEPARTMENT OF PURCHASING

CYNTHIA LEE SHENG
PARISH PRESIDENT

RENNY SIMNO
DIRECTOR

August 4, 2020

JEFFERSON PARISH INVITATION TO BID NOTIFICATION

This notification is to inform bidders of the following bid solicitation for Jefferson Parish Government. Please review this notification in its entirety for details on how to access the on-line bidding site to view and download the Invitation to Bid, including all required bidding documents. The notification also states how and/or where to submit the bid response to the Jefferson Parish Purchasing Department on the bid opening date or before.

Bid number and description: **BID #5000131878**
PURCHASE OF FULL CUBE MICROPRISMATIC RETROREFLECTIVE FILM FOR THE DEPARTMENT OF TRAFFIC ENGINEERING

Bids will be received at the West Bank Purchasing Department, Suite 4400, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, La 70053 until 11 a.m., 8/13/2020.

Bids delivered after 11 a.m., will not be accepted.

For convenience, bidders may also submit bids at the East Bank Purchasing Department, Suite 404, Jefferson Parish, Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Jefferson, LA 70123. However, if submitting bids on the day of the bid opening, bidders must submit at the West Bank location only.

Both of the Jefferson Parish Purchasing offices operate Monday through Friday from 8:30 a.m. to 4:30 p.m.

Where to obtain the Invitation to Bid: This Invitation to Bid may be viewed, and/or downloaded from our on-line bidding site, Central Bidding by clicking, <http://www.jeffparishbids.net>. All vendors are encouraged to register with Central Bidding in order to respond, free of charge, to Jefferson Parish Invitation to Bid.

How to respond: Vendors can respond either through Central Bidding, our on-line bidding site, through the link above or via manual delivery, as stated above.

For more information on this bid, please contact the buyer assigned to this bid:

Mark Buttery, Buyer I
MButtery@jeffparish.net
504.364.2810

Or you may visit the Purchasing Department's webpage at www.jeffparish.net.

GENERAL GOVERNMENT BLDG. – 200 DERBIGNY ST., SUITE 4400, GRETNA, LA 70053
OFFICE 504.364.2678

JOSEPH S. YENNI BLDG. – 1221 ELMWOOD PARK BLVD., SUITE 404, JEFFERSON, LA 70123
OFFICE 504.364.2678

EMAIL: PURCHASING@JEFFPARISH.NET WEBSITE: WWW.JEFFPARISH.NET