

## T-7000 SERIES

The prismatic technology of Avery Dennison T-7000 Series provides the highest level of reflectivity. T-7000 sheeting exceeds the reflectivity requirements of ASTM D 4956, Type VIII specifications. Signs made with T-7000 Series sheeting have high conspicuity, high legibility and give drivers the maximum time to read and react.



## PRISMATIC GRADE REFLECTIVE SHEETING



### **Microprismatic Reflective Sheeting**

– Prismatic Grade Specification  
ASTM D 4956, Type VIII

### **Higher Brightness**

T-7000 Series provides the highest level of brightness. T-7000 Series provides significantly higher levels of brightness when compared to any glass beaded retroreflective sheeting including High Intensity. T-7000 Series is a natural fit for prismatic combination specifications grouping ASTM Types VII, VIII, and IX. Prismatic combination specifications offer a performance level far above High Intensity, glass beaded reflective sheeting.

### **Better Conspicuity**

T-7000 colors are truer colors as the material is not metallized like glass bead sheeting. Therefore the whites are white—not silver or gray! This yields a greater level of daytime conspicuity and legibility.

### **Durability**

T-7000 provides 10-year durability. The all acrylic structure and the exceptionally strong welding process used to bond the materials produces a tough structure with outstanding weathering properties.

### **Application**

The T-7000 Series sheeting is the most application-friendly film of its type. In addition to being extremely forgiving in the lamination process, it has no-orientation requirements! This benefit saves sign shops money as separate inventories are not needed for specific-orientation material. Government Agencies may reduce liability as there is no risk of a sheeting orientation error creating a road sign not meeting the required specification! When T-7000 sheeting is used, you can be assured the sign will meet specifications.

### **Availability**

T-7000 Series is available with T-7500 Pressure Sensitive adhesive for aluminum substrates.

### **Ordering Information**

For availability and specifications contact customer support at 1-800-327-5917 or contact your local Avery Dennison representative.



Look for the Avery Dennison watermark for easy identification of T-7000 Series sheeting.

# PRISMATIC GRADE REFLECTIVE SHEETING

## RETROREFLECTIVITY TABLE

(Type VIII values per ASTM D 4956).

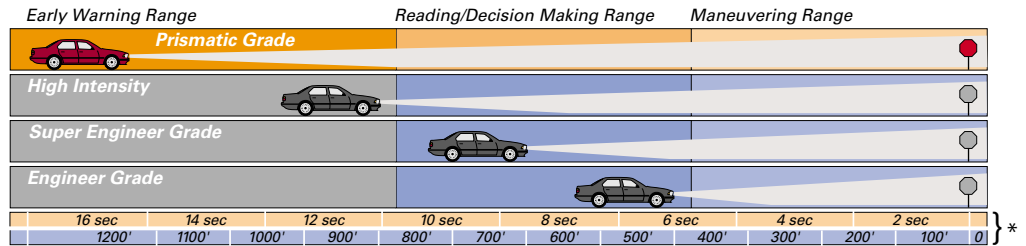
Minimum Coefficient of Retroreflection ( $R_A$ ) ( $cd/lx/m^2$ )

Observation Angle	Entrance Angle	White	Yellow	Orange	Green	Red	Blue	Brown
0.1°	-4°	1000	750	375	100	150	60	30
0.1°	30°	460	345	175	46	69	28	14
0.2°	-4°	700	525	265	70	105	42	21
0.2°	30°	325	245	120	33	49	20	10
0.5°	-4°	250	190	94	25	38	15	7.5
0.5°	30°	115	86	43	12	17	7	3.5

Values are mean of test results with  $\epsilon = 0^\circ$  and  $\epsilon = 90^\circ$

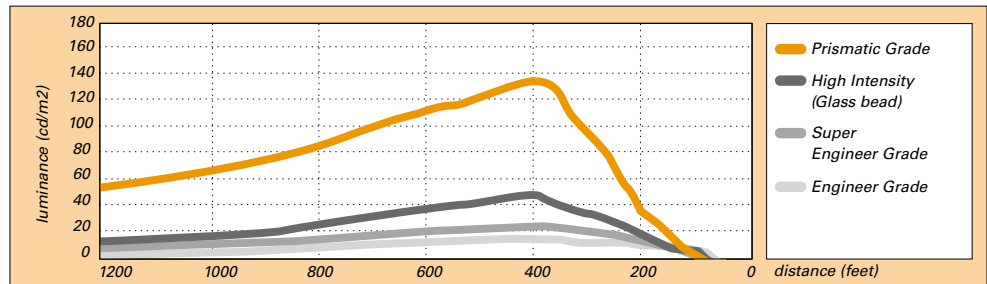
## RETROREFLECTIVE SHEETING PERFORMANCE

### Relative Performance – Reflective Sheatings



\*Time and distance to sign

### Sign luminance for Car Approaching Roadside Sign (White)



Instructional Bulletins are available on many topics including:

- Substrate Requirements
- Application Techniques
- Die Cutting
- Computer Sign Cutting
- Screen Preparation
- Inks
- Troubleshooting printing and processing

Instructional Bulletins can be found at [www.reflectives.averydennison.com](http://www.reflectives.averydennison.com) or by contacting your Avery Dennison representative.

## PRODUCT DATA

When contacting customer support, use the following numbers to request the product data bulletins you desire:

Bulletin No.	Description
T-7500	Pressure Sensitive Adhesive for Aluminum

**Reflective Products Division**  
 6565 West Howard  
 Niles, Illinois 60714 USA  
 1-800-327-5917  
 Phone 847-647-7717 FAX 888-327-1434  
[www.reflectives.averydennison.com](http://www.reflectives.averydennison.com)



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Avery Dennison is ISO 9001 certified for the design and manufacture of retroreflective films