

## T-5500A SERIES

*Avery Dennison T-5500A Series High Intensity Grade sheeting is an encapsulated lens glass bead sheeting which exceeds the reflectivity requirements of ASTM D 4956, Type III specifications.*



## HIGH INTENSITY GRADE REFLECTIVE SHEETING



### **Encapsulated Lens Reflective Sheeting**

*High Intensity Grade Specification  
ASTM D 4956, Type III*

*Most suitable for highway signs requiring high visibility and a high performance life cycle, T-5500A High Intensity Grade sheeting provides the high visibility and safety drivers have come to expect from high brightness level signs. This sheeting has excellent entrance angularity, which is typical of encapsulated lens glass bead sheeting. T-5500A meets ASTM D 4956, Type III specifications while exceeding its reflectivity requirements.*

### **Brightness**

*T-5500A encapsulated lens glass bead sheeting provides the high brightness and durability long associated with this sheeting grade.*

### **Durability**

*T-5500A provides 10-year durability.*

### **Application**

*T-5500A Series sheeting has a cellular construction which generates a high level of reflectivity. T-5500A Series is suitable for all types of traffic signs mounted on rigid substrates. See Avery Dennison Informational Bulletins for detailed recommendations.*

### **Availability**

*T-5500A Series is available with T-5500A Pressure Sensitive adhesive for aluminum substrates.*

### **Ordering Information**

*For availability and specifications on T-5500A High Intensity Grade sheeting contact customer support at 1-800-327-5917 or your local Avery Dennison representative.*

# HIGH INTENSITY GRADE REFLECTIVE SHEETING

## RETROREFLECTIVITY TABLE

(Type III values per ASTM D 4956)

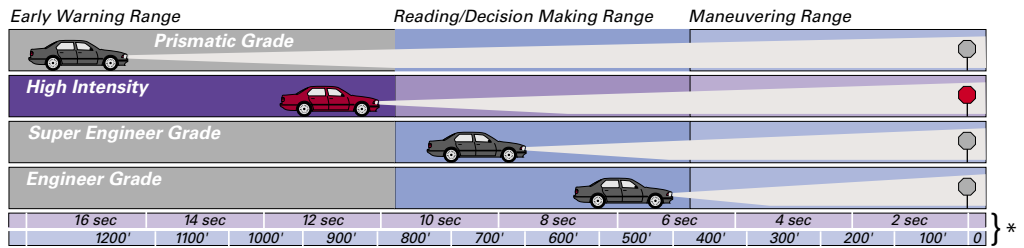
Minimum Coefficient of Retroreflection ( $R_A$ ) (cd/lx/m<sup>2</sup>)

Observation Angle	Entrance Angle	White	Yellow	Orange	Green	Red	Blue	Brown
0.1°	-4°	300	200	120	54	54	24	14
	30°	180	120	72	32	32	14	10
0.2°	-4°	250	170	100	45	45	20	12
	30°	150	100	60	25	25	11	8.5
0.5°	-4°	95	62	30	15	15	7.5	5
	30°	65	45	25	10	10	5	3.5

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

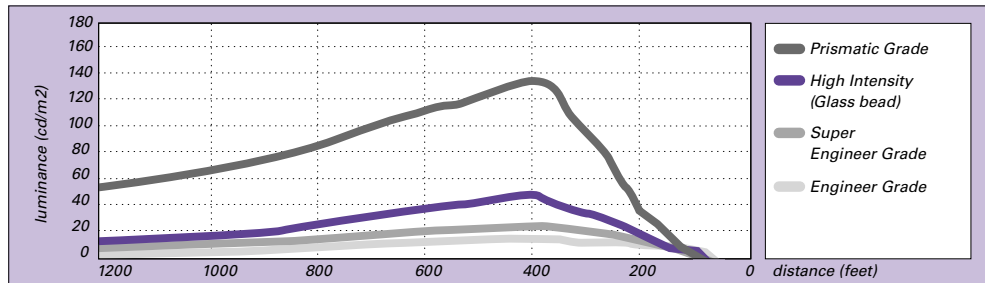
## RETROREFLECTIVE SHEETING PERFORMANCE

### Relative Performance – Reflective Sheatings



\*Time and distance to sign

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



## OTHER LITERATURE

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

Bulletin No.	Description
T-5500A	Pressure Sensitive Adhesive for Aluminum

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.

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