


Prismatic Grade Reflective Sheeting

T-6000 SERIES


The microprismatic structure of Avery Dennison T-6000-EPG Series provides the highest level of reflectivity needed for today's driving conditions. It allows modern roads to become a safer driving environment. T-6000-EPG sheeting far exceeds the highest European standard reflectivity values set in EN12899-1. T-6000-EPG has been designed to specifically fulfill European requirements and the upcoming European prismatic specifications.



T-6500-EPG White




T-6501-EPG Yellow



T-6502-EPG Red



T-6504-EPG Orange



T-6505-EPG Blue



T-6507-EPG Green



T-6509-EPG Brown



T-6527-EPG Worboys Green

Microprismatic Reflective Sheeting

Reflective materials constructed using microprismatic technology will always outperform traditional glass beaded products in actual traffic situations. Using the "prism" instead of the "glass bead" enables the design of a far greater efficiency in retro-reflection for actual traffic situations, giving a brighter sign.

Reflectivity

Avery Dennison T-6000-EPG High Performance Prismatic Grade Sheeting provides the highest level of retro-reflection, thereby giving the driver more time to interpret and react.

Better conspicuity

The absence of metallisation in the product construction guarantees optimal day-time performance. Truer colours are provided to the road environment, i.e. the whites are white, not silver or grey, improving sign conspicuity and legibility.

Durability

T-6000-EPG sheeting comes with a 10-year durability.

Omni Directional Performance

The optical prism layout of the T-6000-EPG sheeting allows the sheeting/sign to be

mounted at any rotation. There is no datum mark on the sheeting, giving sign shops the freedom to process their signs in any position across the web to maximize sheeting usage and reduce their production costs. Using T-6000-EPG eliminates the risk of a sign not meeting specification due to orientation errors during application.

Application

The T-6000-EPG sheeting is the most application friendly film of its type. It is relatively thin and extremely forgiving in the lamination process. A full line of matched overlay films and inks are available to enhance the conversion of this material. T-6000-EPG sheeting can also be plotter cut using most flat bed plotters and a range of friction fed plotters.

Availability

T-6000-EPG sheeting is available in T-6500-EPG Standard Pressure Sensitive Adhesive and T-6100-EPG Plastic Substrate Adhesive. For more information please contact your Customer Service Representative.

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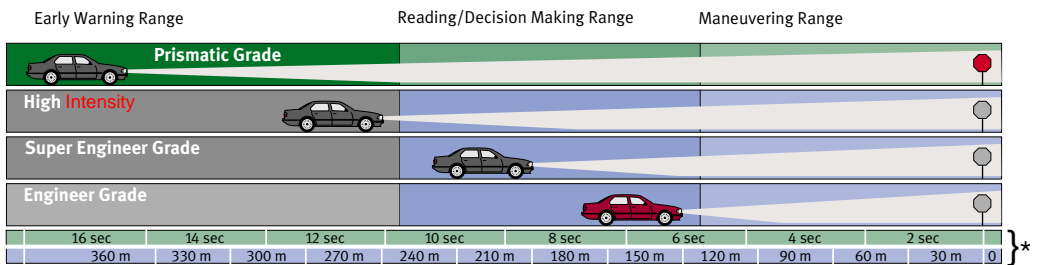
RETRO-REFLECTIVITY TABLE

(proposed European Prismatic Specifications)

Minimum Coefficient of Retroreflection (R_A) (cd/lx/m²)

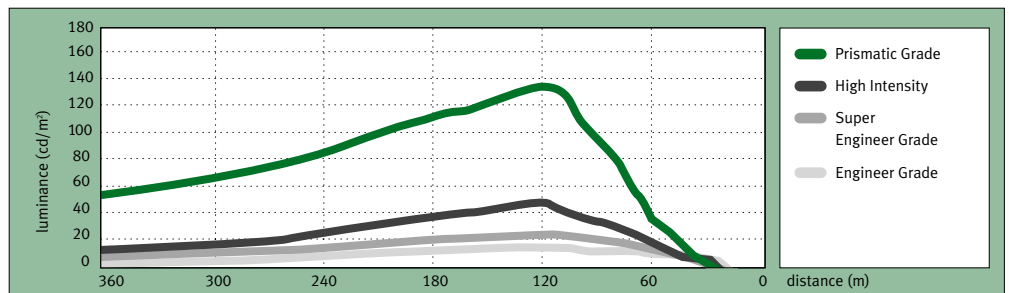
| Observation angle | Entrance Angle | White | Yellow | Orange | Green | Red | Blue | Brown |
|-------------------|----------------|-------|--------|--------|-------|-----|------|-------|
| 0.2° | 5° | 550 | 396 | 195 | 55 | 88 | 33 | 17 |
| | 30° | 260 | 187 | 90 | 26 | 42 | 16 | 8 |
| 0.33° | 5° | 500 | 360 | 175 | 50 | 80 | 30 | 15 |
| | 30° | 200 | 145 | 70 | 20 | 32 | 12 | 6 |
| 0.5° | 5° | 250 | 180 | 88 | 25 | 40 | 15 | 8 |
| | 30° | 100 | 72 | 35 | 10 | 16 | 6 | 3 |
| 1° | 5° | 35 | 25 | 12 | 4 | 6 | 2 | 1 |
| | 30° | 20 | 14 | 7 | 2 | 3 | 1 | 1 |
| 2° | 5° | 5 | 4 | 2 | 1 | 1.0 | 0.3 | 0.2 |
| | 30° | 3.5 | 3 | 1 | 0.4 | 0.6 | 0.2 | 0.1 |

RETRO-REFLECTIVE SHEETING PERFORMANCE



*Time and distance to sign

Sign luminance for Car Approaching Roadside Sign (White)



OTHER SPECIFICATIONS

In addition to meeting or exceeding the retro-reflectivity values of EN12899-1, T-6000-EPG meets or exceeds the values of the following existing prismatic specifications: Spain : Art 701 of PG-3, B.O.E. 28/1/2000
Denmark : Danish Road Standard, AAB February 1999

OTHER LITERATURE

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

| Sheet No. | Description |
|------------|-----------------------------|
| T-6500-EPG | Pressure Sensitive Adhesive |
| T-6100-EPG | Plastic Substrate Adhesive |



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