



Product Data Sheet

#837 Striped

ENGINEER GRADE REFLECTIVE

PRODUCT INFORMATION GUIDE

Application(s):	Our Engineer Grade reflective sheeting is a high quality, durable, enclosed lens retroreflective material. This reflective sheeting offers exceptional value for permanent traffic signage applications. Meets applicable requirements for engineer grade sheeting applications for Type 1 retroreflective sheeting as set forth in ASTM D 4956
Adhesive:	Permanent Pressure Sensitive (Class 1)
Face Film:	High Gloss
Liner:	White Polyethylene Coated Paper
Tape Application:	Minimum application temperature 4°C (40°F) Surface must be clean and free from dust, dirt, oil, wax, silicone.
Cleaning:	Clean tape surface with a mild soap and rinse with fresh water.
Shelf Life:	One year, when stored at 73°F (23°C), 50% +/- 5% relative humidity.

Property:	Test Method:	Measurement:
Outdoor Durability Operational Temp. Typical Film Caliper Specifications		7 years when properly processed and applied (vertical) (-40°C to 82°C) -40°F to 180°F 4.5 - 5.5 mils Meets all other requirements set forth in ASTM D 4956 including shrinkage, flexibility, liner removal, adhesion, impact resistance, specular gloss and outdoor weathering

Photometric Performance:

Exceeds Types III and IV values per ASTM D 4956. Minimum Coefficient of Retroreflectivity (R_A) (cd/lx/m²)

Observation Angle (°)	Entrance Angle (°)	White	Yellow	Orange	Green	Red	Blue
0.2	-4	70	50	25	9	14	4
0.2	30	30	22	7	3.5	6	1.7
0.5	-4	30	25	13	4.5	7.5	2
0.5	30	15	13	4	2.2	3	0.8

The physical and performance characteristics shown are averages obtained from tests recommended by ASTM, government agencies or our own procedures. A particular roll may vary slightly from these averages and it is recommended that the purchaser determine the suitability for his own purpose.