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 I retroreflective sheeting as set forth in ASTM D 4956.

Special Note: Product is not intended for vehicle applications or on surfaces that are subject to any flex. Hazard striped version of this product may experience fading when used outdoors, this will not affect the reflectivity of the product, but would change the appearance. For vehicle applications we recommend our conspicuity tape products.

Adhesive: Permanent Pressure Sensitive (Class 1)

Face Film: High Gloss

Liner: White Polyethylene Coated Paper

Tape Application: Minimum application temperature 4^0C (40^0F)
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 73^0F (23^0C), 50% +/- 5% relative humidity.

Property:	Test Method:	Measurement:
Outdoor Durability Operational Temp. Typical Film Caliper Specifications		7 years when properly processed and applied (vertical) (-40^0C to 82^0C) -40^0F to 180^0F 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/m^2)

Observation Angle (^{0})	Entrance Angle (^{0})	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	22	3	0.8

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October 2014.