

# HIGH INTENSITY REFLECTIVE

## PRODUCT INFORMATION GUIDE

<b>Application(s):</b>	Our high intensity reflective sheeting is a high quality, durable micro-prismatic retroreflective material. Its unique prismatic construction provides an extra high level of reflectivity for demanding traffic control situations. Exceeds applicable requirements for very high intensity grade sheeting applications for Types III and IV retroreflective sheeting set forth in ASTM D 4956.
<b>Adhesive:</b>	Permanent Pressure Sensitive (Class 1)
<b>Face Film:</b>	High Gloss
<b>Liner:</b>	Polymeric Film
<b>Tape Application:</b>	Minimum application temperature 18 <sup>0</sup> C (65 <sup>0</sup> F) Surface must be clean and free from dust, dirt, oil, wax, silicone.
<b>Cleaning:</b>	Clean tape surface with a mild soap and rinse with fresh water.
<b>Shelf Life:</b>	One year, when stored at 73 <sup>0</sup> F (23 <sup>0</sup> C), 50% +/- 5% relative humidity.

Property:	Test Method:	Measurement:
Outdoor Durability Operational Temp. Typical Film Caliper Specifications		10 years when properly processed and applied (vertical) (-40 <sup>0</sup> C to 82 <sup>0</sup> C) -40 <sup>0</sup> F to 180 <sup>0</sup> F 17.0 - 18.0 mils Meets all other requirements set forth in ASTM D 4956 including shrinkage, flexibility, liner removal, adhesion, impact resistance, specular gloss and outdoor weathering (Types III and IV)

### Photometric Performance:

Exceeds Types III and IV values per ASTM D 4956. Minimum Coefficient of Retroreflectivity ( $R_A$ ) (cd/lx/m<sup>2</sup>)

Observation Angle (°)	Entrance Angle (°)	White	Yellow	Orange	Green	Red	Blue
0.1	-4	500	380	200	70	90	42
0.1	30	240	175	94	32	42	20
0.2	-4	360	270	145	50	65	30
0.2	30	170	135	68	25	30	14
0.5	-4	150	110	60	21	27	13
0.5	30	72	55	28	10	13	6