INDUSTRIAL SAFETY IDENTIFICATION Across All Industries

REFLECTIVE MATERIALS COMPARISON CHART

Sample Image	Engineer Grade White	Engineer Grade Yellow	High Intensity Prismatic Grade White	High Intensity Prismatic Grade Yellow	Low Temperature Engineer Grade Yellow
Product	Engineer Grade Reflective		High Intensity Prismatic Grade Reflective		Low Temperature Engineer Grade Reflective
Standards	ASTM D4956, Type 1: Engineer grade reflective adhesive markers have a pressure sensitive adhesive which conforms to the adhesive requirements of FP-79 (Class 1) and LS 300C (Class 1).		ASTM D4956, Types III & IV: for Shrinkage, Flexibility, Liner removal, Adhesion, Impact resistance, specular gloss and Outdoor weathering.		ASTM D4956, Type 1, Class 4: for low temperature applications
Colors	Yellow & White		Yellow & White		Yellow
Adhesive	Permanent Pressure Sensitive		Permanent Pressure Sensitive		Permanent Pressure Sensitive
Liner	White Polyethylene Coated Paper		Polypropylene Film		Two side poly-coated lay-flat realeae liner
Durablity	Minimum outdoor lifespan of 7 years		Minimum outdoor lifespan of 12 years		Minimum outdoor lifespan of 7 years
Service Temperature Range	-10°F to 150°F (-23°C - 65°C)		-10°F to 150°F (-23°C - 65°C)		-40°F to 176°F (-40°C - 80°C)
Minimum Application Temperature	65°F (18°C)		50°F (10°C)		10°F (-12.5°C)
Thickness	5.5 - 6.5 mils		17 - 18 mils		4 mils
Shelf Life	1 year at 65° - 75°F (18° - 24°C) 50% ± 5% R.H.		1 year at 65° - 75°F (18° - 24°C) 50% ± 5% R.H.		2 years at 70°F (21°C) 50% R.H.

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