



MS-215R REFLECTIVE TAGS AND SIGNS

Technical Data



Description

MS-215R reflective tags and signs are constructed of printed graphics sealed between layers of chemical resistant plastic. The top layer is an outdoor durable thermoplastic that provides excellent resistance to process chemicals, protection from high impact and functions as a UV filter to prevent fading of printing and graphics. The graphics layer can be customized to meet the required reflective intensity specification. The base substrate is available in two thicknesses: the standard gauge (rigid, .100" base) provides excellent stiffness for rigid sign requirements. The sign construction has been tested with chemicals common to pulp, paper mills and petrochemical facilities with no adverse effect. Wind tunnel tested to 200 mph.

Physical and Chemical Characteristics

Base Material:	0.100" (2.54 mm) thick rigid polymer
Total Thickness:	Single Sided: 0.112" (2.85 mm) - (base, label, adhesive, protective outer layer)
Service Temperature:	-40°F through 150°F (-40°C thru 66°C)
Water Resistance:	Excellent
Expected Outdoor Durability:	Tested to ASTM D 7869. Expected durability, 5 years plus.
Storage Stability:	5 years minimum
Chemical Resistance: (Intermittent Surface Contact)	Ethyl Acetate; no visible effect, Xylene; no visible effect, 40% NAOH; no visible effect, Hydrochloric Acid; no visible effect, Unleaded Gasoline; no visible effect, Toluene; no visible effect, Cyclohexanone; no visible effect, Acetone; Failure, Methyl Ethyl Ketone; Failure, Methylene Chloride; Failure
Abrasion Resistance:	Tested to ASTM D4060; Excellent
Finish:	Matte finish with beveled edges (parallel edges available)
Mounting:	Adhesive backing, grommets, holes with washers or foam tape

Information on physical and chemical characteristics is based on tests we believe to be reliable. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material for their specific application.

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