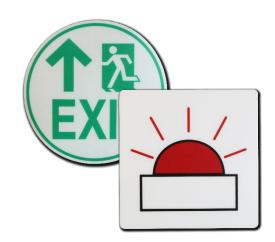


MS-260F PHOTOLUMINESCENT SIGNS

Technical Data



Description

MS-260F 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, impacts and functions as a UV filter to prevent fading of printed graphics. Safety grade photoluminescent is designed to glow 8+ hours. The substrate is flexible, .020" thermoplastic base which allows signs to be mounted on curved surfaces. The sign construction has been tested with chemicals common to pulp, paper mills and petrochemical facilities with no adverse effect. MS-260F signs are furnished with high strength 3M468HP acrylic adhesive pre-applied for fast attachment to stainless steel and other smooth surfaces. MS-260F Photoluminescent material meets the ISO standard for Low Level/Low Location Lighting as well as that for signs and tags.

Physical and Chemical Characteristics

Base Material:	.020" (.5 mm) Flexible Acrylic		
Material Thickness:	Single Sided: .040" (.96 mm)		
	Double Sided: .056" (1.4 mm), 1 base, 2 each label, 2 each top layer		
Service Temperature:	-40°F through 200°F (-40°C thru 93°C)		
Application Temperature:	w/ adhesive 50°F (10°C)		
Chemical Resistance:	Excellent		
Water Resistance:	Excellent		
Expected Outdoor Durability:	Excellent (5 + years)		
Storage Durability:	5 years minimum		
Abrasion Resistance:	Excellent		
Mounting:	Adhesive backing, grommets, holes		
Finish:	Matte finish with parallel edges		
Text Height:	Customizable (See chart below)		
Typical Sizes:	Customizable (See chart below)		
Standard Colors:	Customizable (See chart below)		
Options:	n/a		
Chemical Table:	Ethyl Acetate: No visible effect; Xylene: No visible effect; 40% NaOH: No visible effect;		
	Concentrated HCI: No visible effect; Gasoline: No visible effect; Butyl Cellosolve: No visible		
	effect; Toluene: No visible effect; Isopropyl Alcohol: No visible effect; Cyclohexanone: No		
	visible effect; Acetone: Failure; MEK: Failure; Methylene Chloride: Failure		

Ph: 800.234.0135 | Email: sales@markserv.com | Website: www.markserv.com



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Luminous Values: Standard Safety Grade (Optional High Performance Safety Grade available)	DIN 67510/ASTM 2072 (Xe lamp 1000Lx/5 min) 10 min 56 mcd/m2 (Xe lamp 1000Lx/5 min) 60 min 7 mcd/m2		
Luminous Compliance:	DIN 67510, ASTM 2072, ISO 15370:2010, EU marine Equipment Directive, IMO RES A. 752 (18), PSPA class B		
Standard Colors: (Non-standard colors available upon request)	□ BLACK (WHITE text)□ GREEN (WHITE text)□ RED (WHITE text)	□ BLUE (WHITE text)□ BROWN (WHITE text)□ WHITE (BLACK text)	
Typical Sizes (H x W):	 □ 1.5" (38 mm) diameter □ 1.5" x 1.5" (38 x 38 mm) □ 1" x 3" (25 x 76 mm) □ 2" x 4" (51 x 102 mm) □ 4" x 8" (102 x 203 mm) □ 10" x 14" (254 x 356 mm) □ 2" (51 mm) diameter 	□ 2" x 2" (51 x 51 mm) □ 2" x 3" (51 x 76 mm) □ 3" x 6" (76 x 152 mm) □ 7" x 12" (178 x 305 mm) □ 12" x 20" (305 x 508 mm) □ Other (specify: H x W)	
Text Height:	Sized to fit within tag boundary or comply with specified height		

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.

Updated on 11/29/2021