



MS-960 SELF-ADHESIVE PHOTOLUMINESCENT SIGNS AND TAPES Technical Data

Description

Flexible polyester film provides substrate stability and high performance. MS-960 self-adhesive signs and tapes are coated with permanent acrylic pressure-sensitive adhesive and are available printed or unprinted. When laminated with MS-1000 the product withstands UV-light and does not show significant degradation when used outdoors.

“Glow in the dark Technology” is based on safe, color fast, nonradioactive strontium aluminate oxide chemistry. This material absorbs and stores energy from any ambient or UV light, it then releases this energy in the event of darkness.

MSI IMO signs meet the requirements of the following:

- The Safety Of Life At Sea regulations (SOLAS)
- Symbols related to life saving appliances and arrangements SOLAS regulation III/9.2.3, etc.
- Symbols for fire control plans
- IMO Assembly resolution A.654(16)
- International Maritime Dangerous Goods Code
- Code on Alarms and Indicators (resolution A.686(170))
- MSI Photo-luminescent products meet the requirements of IMO resolution A.752(18)
- Guidelines for the evaluation, testing and application of low location lighting on passenger ships
- ISO/CD 15370:2001 Low Location Lighting on passenger ships



Physical and Chemical Characteristics

Base Material:	Premium-grade Thermoplastic w/ UV Overlamine
Material Thickness:	.005" (.127 mm)
Service Temperature:	-50°F to 180°F (-45°C to 82°C)
Application Temperature:	+50°F (10°C)
Chemical Resistance:	Excellent
Water Resistance:	Excellent
Expected Outdoor Durability:	Very Good (Up to 5 Years)
Storage Durability:	Up to 2 Years
Abrasion Resistance:	Very Good
Mounting:	Permanent pressure sensitive acrylic adhesive backing
Finish:	Gloss Surface
Text Height:	Customizable
Typical Sizes:	Customizable
Standard Colors:	Customizable
Options:	Custom Sizes Available
Chemical Table	Acid Resistance: Good Alkalis Resistance: Good Salts Resistance: Good

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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8265 N. Faulkner Road, Milwaukee, WI 53224

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