



# MS-900TO REFLECTIVE LABELS

Technical Data



### Description

MS-900TO Reflective labels are constructed using an enclosed lens retro-reflective engineering grade film which is designed to meet or exceed the applicable requirements of Federal Specifications L-S 300C (Reflective 1) and FP-85 (Type II). These printed labels are furnished with MS-1000 UV and chemical resistant laminate and are designed for a variety of long term indoor or outdoor applications requiring exceptional durability and field performance.

### Physical and Chemical Characteristics

The following information on physical and chemical characteristics is based upon tests believed to be reliable. The values are intended only as a source of information. They are given without guaranty and do not constitute a warranty. The purchaser should independently determine prior to use, the suitability of this material for his/her specific purpose. (Data represents average and is not intended for use as a specification.)

<b>Expected Outdoor Durability:</b>	5 years
<b>Minimum Surface Ambient:</b>	+40°F (5°C) when applied with a squeeze roll applicator
<b>Air Application Temperature:</b>	+50°F (10°C) when used for transportation (fleet) markings
<b>Application Surfaces:</b>	Flat (not recommended for unpainted stainless steel applications)
<b>Service Temperature Range:</b>	-40°F to 180°F (-40°C to 82°C) (Reasonable range of temperatures, which would be expected under normal environmental time and temperature conditions)
<b>Typical Film Caliper (with adhesive):</b>	.0055" (5.5 Mils) (140 µm)
<b>Optical Properties:</b>	Reflective Intensity: Meets or exceeds L-S300C, Table II Reflective I Meets or exceeds FP-85 Type II Meets or exceeds ASTM D-4956-89 Type I

### Construction

<b>Face Film:</b>	.0045" (4.5 Mils) (114 µm) Urethane Engineering Grade Retro-reflective film
<b>Adhesive:</b>	1 mil permanent acrylic pressure sensitive adhesive
<b>Release Liner:</b>	94# Imprinted StaFlat®

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