



## MS-200 ENGRAVED THERMOPLASTIC TAGS AND NAMEPLATES

### Technical Data



#### Description

Marking Services Inc. (MSI) offers MS-200 engraved thermoplastic tags and nameplates as an economical and easy way to identify valves, instrumentation and equipment. The unique MS-200 material provides a durable marking solution for demanding chemical wash-down environments.

MS-200 tags and nameplates are constructed by laser engraving on a tough, thermoplastic material. The black engraved information clearly shows against background color and may include barcoding or QR codes. Markers can be customized for size and shape. The legends are permanent laser markings and are not damaged by pressure washing or detergents.

#### Physical and Chemical Characteristics

<b>Base Material:</b>	Polycarbonate
<b>Material Thickness:</b>	.118" (3 mm)
<b>Service Temperature:</b>	-40°F to 180°F (-40°C to 83°C)
<b>Application Temperature:</b>	W/ adhesive +50°F (10°C)
<b>Chemical Resistance:</b>	Excellent
<b>Water Resistance:</b>	Excellent
<b>Expected Outdoor Durability:</b>	Excellent (5+ Years)
<b>Storage Durability:</b>	W/ Adhesive - Up to 2 Years   W/O Adhesive - 5+ Years
<b>Abrasion Resistance:</b>	Excellent
<b>Mounting:</b>	Holes or adhesive backing available
<b>Finish:</b>	Gloss finish
<b>Text Height:</b>	Sized to fit within tag boundary or comply with specified height
<b>Typical Sizes:</b>	Customizable
<b>Standard Colors:</b>	Black on White
<b>Options:</b>	n/a
<b>Chemical Table:</b>	n/a

*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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