



# ENGRAVED PLASTIC TAGS

## Technical Data

### WARNING

ELECTRICAL SHOCK HAZARD  
DO NOT TOUCH TERMINALS.  
TERMINALS ON BOTH LINE AND  
LOAD SIDES MAY BE ENERGIZED  
IN THE OPEN POSITION.

DC VOLTAGE IS ALWAYS PRESENT  
WHEN SOLAR MODULES ARE EXPOSED  
TO SUNLIGHT

### Description

Equipment and Valve identification tags are engraved in standard 1/16" or optional 1/8" thickness. Mounting holes or adhesive backing is available. Standard material is 2-ply with 3-ply available. Engraved information clearly shows against background. Letter size will be adjusted to fit available space or specification requirements. Several stock colors are available with other colors available upon request. Engraved Plastic tags are non-conductive, insulative, RoHS compliant, halogen free and PVC free.

### Physical and Chemical Characteristics

<b>Base Material:</b>	Micro-surface Impact Acrylic	
<b>Material Thickness:</b>	Standard: .0625" (1.6 mm)   Also available: .125" (3.2 mm)	
<b>Service Temperature:</b>	-20°F to 175°F (-29°C to 80°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), Tested to ASTM D 7869	
<b>Storage Durability:</b>	W/ Adhesive - Up to 2 Years   W/O Adhesive - 5+ Years	
<b>Abrasion Resistance:</b>	Very Good	
<b>Mounting:</b>	Adhesive back, holes, other mounting options	
<b>Finish:</b>	Matte Finish	
<b>Text Height:</b>	Sized to fit within tag boundary or comply with specified height	
<b>Typical Sizes:</b>	<input type="checkbox"/> 1.5" (38 mm) diameter <input type="checkbox"/> 1.5" x 1.5" (38 x 38 mm) <input type="checkbox"/> 1" x 3" (25 x 76 mm) <input type="checkbox"/> 2" x 4" (51 x 102 mm) <input type="checkbox"/> 4" x 8" (102 x 203 mm)	<input type="checkbox"/> 2" (51 mm) diameter <input type="checkbox"/> 2" x 2" (51 x 51 mm) <input type="checkbox"/> 2" x 3" (51 x 76 mm) <input type="checkbox"/> 3" x 6" (76 x 152 mm) <input type="checkbox"/> Other (specify: H x W)
<b>Standard Colors:</b>	<input type="checkbox"/> BLACK (WHITE text) <input type="checkbox"/> GREEN (WHITE text) <input type="checkbox"/> RED (WHITE text) <input type="checkbox"/> BLUE (WHITE text)	<input type="checkbox"/> BROWN (WHITE text) <input type="checkbox"/> WHITE (BLACK text) <input type="checkbox"/> YELLOW (BLACK text) <input type="checkbox"/> ORANGE (WHITE text)
<b>Options:</b>	1/16" - beveled edge standard, parallel available 1/8" - parallel edge only. Various colors and sizes available	
<b>Chemical Table:</b>	40% NAOH: Excellent 38% Hydrochloric Acid: Excellent Unleaded Gasoline: Excellent Butyl Cellusolve: Excellent	

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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