



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" non-glare finish. 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

Base Material:	Micro-surface Impact Acrylic	
Material Thickness:	Standard: .0625" (1.6 mm) Also available: .125" (3.2 mm)	
Service Temperature:	-20°F to 175°F (-29°C to 80°C)	
Application Temperature:	W/ adhesive +50°F (10°C)	
Chemical Resistance:	Excellent	
Water Resistance:	Excellent	
Expected Outdoor Durability:	Excellent (5+ Years), Tested to ASTM D 7869	
Storage Durability:	W/ Adhesive - Up to 2 Years W/O Adhesive - 5+ Years	
Abrasion Resistance:	Very Good	
Mounting:	Adhesive back, holes, other mounting options	
Finish:	Matte Finish	
Text Height:	Sized to fit within tag boundary or comply with specified height	
Typical Sizes:	<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)
Standard Colors:	<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)
Options:	1/16" - beveled edge standard, parallel available 1/8" - parallel edge only. Various colors and sizes available	
Chemical Table:	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.

Updated on 11/23/2021