

# Doming Specifications

*You do the printing, we do the doming*

msi

## Polyurethane Dome Cured Physical Properties

**Initial:** Clear, semi flexible, excellent clarity and gloss.

**Accelerated Aging, RS-4 Sunlighter with Water Spray:** After 500 hours exposure in an ultra-violet light and water spray apparatus, (estimated 3-5 years outdoor weathering) specimens show no significant surface deterioration, increase in hardness, shrinkage or noticeable color or gloss change.

**Outdoor Weathering:** Samples show no appreciable discoloration or loss of gloss after 5 years outside. Samples will tolerate temperatures between 45° F and 170° F.

**Oven Aging:** Specimens show no surface deterioration, shrinkage or increase in hardness after seven days in a hot air circulation oven at 170° F.

**Humidity:** Specimens show no color or gloss change or objectionable shrinkage after seven days in a humidity cabinet with a condensing atmosphere at 100° F., 100% R.H..

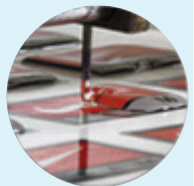
**Salt Spray:** Specimens show no change or promotion of corrosion to the surface which they are mounted after 22 hrs. exposure to a salt spray test.

**Abrasion and Impact Resistance:** Samples resist abrasion and impact down to -20° F.. Forced indentations recover completely due to resilient nature of the polyurethane polymer.

**Cleanability:** Samples clean easily without marring using a detergent solution, aliphatic hydrocarbon or denatured alcohol.

**Solvent Resistance:** Samples show no discoloration after being immersed in unleaded gasoline ten times for ten seconds with a drying time of twenty seconds between immersions.

**Chemical Resistance:** Samples show no significant color change or swelling after five minutes of exposure to the following chemical solutions: 5% KOH, 5% NaCl, 5% KCl, 20% H<sub>2</sub>SO<sub>4</sub>, 20% HCl.



<b>Domed Labels</b>
<b>Nameplates</b>
<b>Labels</b>
<b>Overlays</b>
<b>Insulators</b>
<b>Prototypes</b>
<b>Digital Printing</b>
<b>Membrane Switches</b>

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