

Technical Data Sheet

Clarion Material Code MV

Primary Use

The Clarion MV material is a Indoor/Outdoor Vinyl sign material using 3M Comply™ acrylic adhesive for hand applied lay-flat label applications that go on smoothly and stay that way. Large size labels are easier to apply. Even when labels are used on injection-molded plastic parts, bubbles that form from plastic outgassing can be smoothed to regain a neat appearance for the label. The use of a luster overlamine provides protection from UV, abrasion, moisture and other environmental exposures.

Base Materials

Printed on 3M .0032 white vinyl

Overlamine

.003 Luster UV PVC Film

Adhesive Backing

3M Premium Comply™ Acrylic

Standard Sizes

Standard sign sizes and custom sizes are available

Outdoor Durability

Good

Water Resistance

Good

Chemical Resistance

Good

Storage Stability

Stable. Optimum storage conditions: 72°F @ 50% relative humidity

Temperature Resistance

Rated -40°F to 180°F (-40°C to 82°C)

Installation Temperature

50°F or higher

Specification Compliance

- Clarion standard safety colors meet *ANSI Z535.1-2017 Standard for Safety Colors requirements.*

EXAMPLE



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Regulatory Compliance

- **EU RoHS Compliant** (EU Directive 2015/863/EU)
Yes
- **China RoHS Compliant** (Does not exceed MCV in SJ/T 11364-2014)
Yes
- **EU REACH Compliant** (Per the SVHC Candidate list effective January, 2021)
Yes
- **CA Proposition 65 Compliant**
Yes
- **Conflict Minerals:** Clarion Safety Systems confirms, based on reasonable information from our component suppliers, that none of the minerals defined by the SEC as “conflict minerals” are intentionally added to our label components.
Yes
- **Country of Origin:** USA

Expected Life

Indoor: Long Term

Outdoor: Up to 4 Years (expected outdoor life may vary due to climatic conditions)

Shelf Life:

This material will retain its performance and properties for twenty-four (24) months (2 years) from date of manufacture if properly stored at room temperature conditions of 72°F (22°C) and 50% relative humidity. (All Clarion safety labels are shipped in high quality 4 mil. zip-locked sealed bags for improved storage.)

Product Information

This technical product information is based upon information provided to Clarion by its suppliers of the raw materials we use to manufacture our products. As such Clarion makes no independent representations or warranties, expressed or implied, and assumes no liability in connection with the use of this information.

Warranty

Clarion products are sold with the understanding that the buyers will test them in actual use and determine for themselves whether or not the materials meet their intended use requirements. Clarion warrants to the buyers that its products are free from defects in material and workmanship, but limits its obligation under this warranty to replacement of the product shown to Clarion’s satisfaction to have been defective at the time Clarion sold it. This warranty does not extend to any persons obtaining the product from buyers. This warranty is in lieu of any other warranty, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose, and of any other obligations or liability on clarion’s part. Under no circumstances will Clarion be liable for any loss, damage, expense, or consequential damages of any kind arising in connection with the use, or inability to use, Clarion’s products.

