

Technical Data Sheet

Clarion Material Code OV

Primary Use

Clarion OV material is a vinyl indoor/outdoor label material. It is primarily used for product safety labeling but is suitable for a variety of applications where high performance is a requirement. Such applications include but are not limited to barcode labels and rating plates, property ID and asset labeling, warning, instruction and service labels, and nameplates for durable goods. The use of the UV overlamine provides a degree of protection where UV resistance is required.

Base Material

Printed on .004 White Vinyl

Overlamine

.001 UV-Clear Polyester

Adhesive Backing

.00075 - .00085 Pressure Sensitive Acrylic

Standard Sizes

Standard label sizes available as well as almost any custom size

Outdoor Durability

Good

Water Resistance

Good

Chemical Resistance

Good

Storage Stability

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

Temperature Resistance

Rated 0°F to 176°F

Installation Temperature

50°F or higher

Specification Compliance

- Clarion standard safety colors meet *ANSI Z535.1-2017 Standard for Safety Colors requirements*.
- The white vinyl base component is **UL**® recognized (File MH10170).
- The polyester overlamine is **UL**® recognized (File MH10170).

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: 2 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 the 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.