

## Technical Data Sheet

### Clarion Material Code MP

**Description**

3M Vinyl, Permanent Adhesive, Scuff/Slip Resistant Overlamine

**Primary Use**

Clarion's MP material is the ideal adhesive backed flexible vinyl material for floor marking signs and graphics. Each image is directly printed on a durable 3M cast vinyl film. It's protected with a scuff/ slip resistant overlamine to provide optimum protection for the sign from conditions that accompany most indoor facility floor marking applications. This sign material is resistant to chemicals and cleaners but should not be used in a wet environment.

**Base Materials**

3M .0032 premium vinyl

**Overlamine**

.0032 vinyl slip resistant luster finish

**Mounting Option**

.001 Pressure sensitive adhesive

**Standard Sizes**

16" diameter floor graphic is standard  
Custom sizes may also available

**Outdoor Durability**

Good

**Water Resistance**

Good

**Chemical Resistance**

Excellent

**UV 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)

**Specification Compliance**

Clarion standard designs meet *ANSI Z535.1-2017 Standard for Safety Colors*.



**Expected Life**

Indoor: 1-2 year (depending on traffic and wear and environment of use)

Outdoor: 1-2 year (depending on environment of use)

**Shelf Life**

This material will retain its performance and properties for twelve (12) months (1 year) from date of manufacture if properly stored flat at room temperature conditions of 72°F (22°C) and 50% relative humidity.

**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.

**Limited 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.

