

# SPECIFICATION GUIDE

[www.codamount.com](http://www.codamount.com)

**PRODUCT: CM1 (Cold Mount 1)**

## PRODUCT DESCRIPTION

The CM1 mounting films are a family of mounting adhesives with film carriers. These smooth adhesive constructions permit distortion-free mounting of photographic prints and other graphic images to a wide variety of substrates.

CM1 consists of a thin, white polypropylene film coated on both sides with an aggressive rubber based, pressure sensitive adhesive. A white, polycoated coated 2-side, moisture stable paper liner protects the adhesive. CM1 is an economically designed mounting film with high tack, high peel adhesion and high cohesive strength for a quick strong bond to a wide variety of mounting surfaces and efficient processing through most roll laminators. The single release liner (self-wound) permits easy lamination and eliminates the need to remove a second liner in applications where that may be difficult or impossible.

## TYPICAL VALUES\*

### PHYSICAL PROPERTIES

### TEST METHOD

**Thickness**, inches (µm)  
Carrier plus adhesive

0.005 (127)

ASTM D-645

**Quick Tack**, lb. /in<sup>2</sup> (N/25 mm)  
Stainless Steel

9.0 (39)

CTM-25

**Peel Adhesion**, lb. /in. (N/25 mm)  
30 minutes applied:

Stainless Steel -  
Acrylic panels -  
Sintra® board -  
Digital film -  
Digital Paper -

11 (50)  
12 (45)  
4.5 (19)  
6.3 (28)  
5.3 (24)

ASTM D 903-49

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**Shear, Hours to Fail**  
Stainless Steel

600+

FTM -8  
1" x 1" x 1000g

### Temperature Range Guidelines

Application: > 50 °F for best results.  
End Use: -20° to 195 °F (-30° to 90 °C)

**Adhesive pH**

Neutral

TAPPI-529

### SHELF LIFE

Two years when stored at 68 °F (20 °C) and 50% relative humidity or less. Note: Coda recommends that rolls be stored on end or suspended from the core.

### GENERAL COMMENTS

Where exposure to chemicals, solvents or high pressure wash is anticipated, sealing the edges with varnish, silicone or other sealant to prevent penetration by these liquids is recommended.

Prints should not be applied onto dusty, dirty, oily or oxidized surfaces.

The mounting board must be properly prepared prior to mounting the image. This may include wiping with alcohol, light sanding or surface sealing depending on the board.

Pressure sensitive mounting films are intended for "Cold Roll Lamination" (50 °F - 104 °F). The addition of heat while simultaneous mounting with Thermal Overlaminates may result in curl or have other detrimental effects on the finished product.

Whenever possible, always test first to ensure end-use capability.

**1. The user is responsible for determining the product's suitability, including adhesion and if needed, removal characteristics when used in applications other than listed specifically in this guide.**

**2. If there are any questions about applications, please contact Coda to discuss your requirements for recommendations.**

Values given are typical and are not necessarily for use in specification.

Product reinforced with 2-mil polyester for adhesion testing.

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