

# TECHNICAL DATA SHEET\*

mactac.com

## PTS1692-1

## Vivid™ 2 Mil Chrome Polypropylene

### Description

#### Product

Face: Vivid™ 2 Mil Chrome Polypropylene

Adhesive: PUREtac CL216

Liner: 1.2 Mil PET

#### Total Construction

Caliper (Approx): 3.9 mils +/- 10%

#### Face

A 2.0 mil chrome, top coated, biaxially oriented polypropylene (BOPP) film designed for excellent printing, converting and label dispensing. Proprietary top coating delivers excellent adhesion for superior graphics and print receptivity for various methods including UV Flexo, Water-based Flexo, Gravure, Screen and Offset.

#### Physical Properties

| Physical Properties            | Typical Value   | Test Method |
|--------------------------------|-----------------|-------------|
| Caliper                        | 0.002 " +/- 10% | ASTM D2103  |
| Elongation at Break, % (YIELD) | 105 MD          | ASTM D1922  |
| Tensile, lbs/in (YIELD)        | 58 MD 52 CD     | ASTM D589   |
| Opacity                        |                 | ASTM D882   |

#### Adhesive

MACtac PUREtac CL216 is a permanent, rubber-based adhesive with excellent tack and ultimate adhesion to a variety of surfaces including polystyrene, polypropylene and polyethylene. MACtac PUREtac CL216 is designed for film labeling applications. It exhibits exceptional clarity and resistance to water whitening. Suitable for cold, damp labeling applications. Very good high speed and wider web converting.

#### Physical Properties

| Physical Properties             | Typical Value                           | Test Method                 |
|---------------------------------|---|-----------------------------|
| 180° Peel Adhesion              |   |                             |
| Stainless Steel                 | 3.9 lbs / in                            | PSTC-101A (30 min. applied) |
| HDPE                            | 2.5 lbs / in                            | PSTC-101A (30 min. applied) |
| Loop Tack                       |   |                             |
| Stainless Steel                 | 5.3 lbs / in                            | PSTC-16A                    |
| HDPE                            | 3.5 lbs / in                            | PSTC-16A                    |
| <b>Temperature Ranges</b>       |   |                             |
| Minimum Application Temperature | <b>+32°F (0°C)</b>                      |                             |
| Service Temperature             | <b>-50°F to +160°F (-46°C to +71°C)</b> |                             |

**Disclaimer:** Tested with 2.6 mil white BOPP film facestock at room temperature on standard lab panels. The service temperature listed is subject to limitations of the facestock and substrate used.

#### Liner

A 1.2 mil clear polyester liner with excellent die cutting, stripping and label dispensing. Primarily for roll-to-roll applications.

#### Physical Properties

| Physical Properties | Typical Value     | Test Method |
|---------------------|-------------------|-------------|
| Caliper             | 0.0012 " +/- 10%  | TAPPI T-411 |
| Basis Weight        | 26.2 lbs. +/- 10% | TAPPI T-410 |

#### Shelf Life

One year from the date of shipment, when stored at 72°F and 50% relative humidity.

\*This document represents typical values and is not considered a specification.

The user is responsible for determining the product's suitability for all aspects of the application. If there are any questions about applications, or regulatory compliances please contact your Mactac sales representative to discuss your requirements for recommendations. If this is a printed Technical Data Sheet, it is an uncontrolled document. Please check the Mactac website for the latest, most-up-to-date version. The products discussed herein are sold without any warranty as to merchantability or any other warranty, expressed or implied.

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