

# TECHNICAL DATA SHEET\*



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## 48036 2.1 Mil Semi Gloss

### Description

#### Product

Face: 2.1 Mil Semi-Gloss

Adhesive: FC-125

Liner: 2.5 SCK

Total Construction

Caliper (Approx): **5.1** mils

**Face** A highly flexible semi gloss featuring a very smooth print surface. Recommended for tight mandrel applications. Suitable for direct food contact.

#### Physical Properties

Caliper  
Tensile, lbs/in (YIELD)  
Tear  
Opacity  
Basis Weight 25"x38"/500

#### Typical Value

.0021 +/- 10%  
24 MD 10 CD  
28 MD 37 CD  
84%  
40 lbs./+/- 10%

#### Test Method

TAPPI T-411  
TAPPI T-414  
TAPPI T-494  
TAPPI T-425  
TAPPI T-425

**Adhesive** A specialty hot melt adhesive designed for application to the skin of edible raw fruits and vegetables when used with an appropriate face material. This adhesive does meet the FDA requirements under the 21 CFR 175.125(b)(2) for adhesives.

#### Physical Properties

90° Peel Adhesion, lbs./in.  
Stainless Steel  
  
Loop Tack  
Stainless Steel

#### Typical Value

1.6 lbs / in  
  
2.6 lbs / in

#### Test Method

PSTC-101F (30 min. applied)  
  
PSTC-16A

#### Temperature Ranges

Minimum Application Temperature  
Service Temperature

10°F (-12°C)

-40°F - 145°F (-40°C - 76°C)

**Disclaimer:** Tested with 55# Semi-gloss paper properties at room temperature on standard lab panels. The service temperature listed is subject to limitations of the facestock and substrate used.

**Liner** A bleached, calendered liner featuring excellent die cutting and stripping characteristics. Recommended for use in roll-to-roll applications.

#### Physical Properties

Caliper, inches  
Basis Weight 24"x36"/500

#### Typical Value

0.0025 +/- 10%  
41 lbs./+/- 10%

#### Test Method

TAPPI T-411  
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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