

Product Description

Part Number: MDTAPE



Matte Polyolith CSL

PRODUCT CONSTRUCTION

Facestock:

- 3.2 mil matte polyolith cut and stack label (CSL)
- Stock complies with FDA 177.1520 for direct food contact.

Applications:

- Meat and cheese cut & stack label inserts, bottle wrap labels, and bottlenecks tags.

Product Color:

Yellow, Red and Blue

Pack Size:

1 Roll = 2" wide x 55 yards long

Product Advantages:

- Detectable by in-line metal detection systems
- Bright Colors for easy visual identification
- Wide operating temperature range to 428°F
- FDA approved adhesive for food processing environments (incidental contact only)
- Can be used as part of HACCP and BRC procedures
- Displays due diligence in the prevention of foreign body contamination
- Custom applications available
- Hard wearing/excellent tear resistance

FDA Compliance:

- FDA 177.1520 for direct food contact

PHYSICAL PROPERTIES

(Typical values - not for specification use)

Performance Adhesion:

Tensile:	MD 12,800/ CD 21,000 lbs/in
Opacity:	91%
COF:	.34%
Gloss:	Matte side 15-35/satin gloss side 55-75 gloss units



PRODUCT CONSTRUCTION

Facestock:	3.7 mil Bright Silver Aluminum Foil
Adhesive:	0.8 mil Rubber-Based Adhesive
Liner:	2.5 mil White Kraft Stock

FEATURES

- Facestock provides an uncoated paper printing surface with a thin metallic barrier for maximum resistance and durability.
- Facestock is a reverse coated aluminum foil laminated to a white kraft base paper and provides an uncoated paper printing surface with a thin metallic barrier for maximum resistance and durability.
- Adhesive features high initial tack and ultimate bond strength to a wide variety of substrates, including low surface energy plastics, treated glass, and corrugated cardboard.
- This adhesive is suitable for applications where compliance with FDA 175.105 is required. This section covers applications where incidental contact between food and adhesive could occur.

PHYSICAL PROPERTIES

(Typical values - not for specification use)

Facestock Tensile:	MD 27# per inch width CD 15# per inch width
Facestock Tear:	MD 45 grams per sheet CD 50 grams per sheet
Facestock Stiffness:	MD 250 mg CD 160 mg
Liner Tensile:	MD 38# per inch width CD 20# per inch width
Liner Tear:	MD 36 grams per sheet CD 41 grams per sheet

Typical Performance Data:

HDPE	
Loop Tack:	4.71 lbs.
Peel Adhesion:	3.72 lbs.
Polypropylene	
Loop Tack:	4.60 lbs.
Peel Adhesion:	2.62 lbs.
Glass – PE Treated	
Loop Tack:	2.34 lbs.
Peel Adhesion:	2.34 lbs.



Shrink Film

Loop Tack: 2.88 lbs.

Peel Adhesion: 2.31 lbs.

Recycled Corrugated

Loop Tack: 1.57 lbs.

Peel Adhesion: 1.81 lbs.

ENVIRONMENTAL PERFORMANCE

Service Temperature Range: - 65° F (-54° C) to 160° F (71° C)

Shelf Life: Two years from receipt of material, if properly stored at 72° F (22° C) and 50% relative humidity. Converted labels should be stored in polyethylene bags.

Agency Approval: Upon customer request, please consult with your Detectapro Representative.

SPECIAL CONSIDERATIONS

Minimum Application Temperature: 35° F (2° C)

For maximum bond strength, surface should be clean and dry. A typical cleaning solvent is heptane or isopropyl alcohol. Higher initial bonds are achieved through increased rub down pressure.