



Technical Data Sheet

3M™ Durable Label Material FP035402



[Product Details](#)



[Regulatory Info/SDS](#)

Product Description

3M™ Durable Label Material FP035402 is a matte white opaque material that offers durability, conformability and moisture resistance.

Product Features

- Liner is designed for high-speed die cutting and matrix stripping. Not recommended for sheet on press applications.
- The facestock for this construction is extremely pliable and conformable. This makes it ideal for applications where the facestock must conform with the changes in the substrate. Such properties make this facestock particularly effective in blood bag labeling applications.

Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Typical Physical Properties

Attribute Name	Value
Adhesive Type	P1650 Perm. 25
Facestock	White Polyolefin

Attribute Name	Value
Facestock Thickness	0.084 mm (3.3 mil)
Liner	50# SC
Liner Thickness	0.078 mm (3.1 mil)

Typical Performance Characteristics

Test Method: TLMI

Attribute Name	Temperature	Substrate	Value
180° Peel Adhesion	23 °C (73 °F)	Stainless Steel	7 N/cm (64 oz/in) ¹
Loop Tack			4.3 N/cm (40 oz/in) ¹

¹ 304 mm/min (12 in/min)

Attribute Name	Value
Application Temperature	5 — 49 °C (40 — 120 °F)
Long Term Temperature Resistance	60 °C (140 °F) ¹
Minimum Long Term Temperature Resistance	-40 °C (-40 °F) ¹

¹ Long Term (day, weeks)

Attribute Name	Value
Note	Calipers are nominal values

Printing

- Label is treated to accept most film ink systems. The customer must be sure to test specific print systems to ensure printability.

Handling/Application Information

Application Examples

- Durable goods, product ID.

Industry Specifications

FDA Statement

This product might be suitable for use in indirect food contact applications. Please see the applicable Regulatory Data Sheet for more information relating to FDA compliance.

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in a sealed plastic bag, out of direct sunlight. For best performance, use this product within 24 months from date of manufacture.

Information

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ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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