



Transfer Adhesive Label Product

FF007702

Technical Data

November 2017

Product Description 3M™ Transfer Adhesive Label Product FF007702 is a double lined adhesive transfer tape utilizing a white polypropylene mid-ply. This label product utilizes 3M™ Permanent Acrylic Adhesive P1650, which is for use in demanding environments, including automotive applications.

Construction

Mid-ply	Adhesive	Liner
.0023 in. White Polypropylene TC2S	P1650 Perm. 25	50# SC 3.1 mil semi-bleached super calendered kraft sheet

(Calipers are nominal values)

Typical Physical Properties

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

Adhesion properties determined per TLMI Method using 1.2 mil polyester with 0.9 mil of adhesive on a stainless steel panel.

Peel Adhesion	4.0 lbs./in. (704 N/m)	TLMI Method, 180° Peel, 12"/min., 1" wide sample
Loop Tack	2.5 lbs./in. (435 N/m)	TLMI Method, 12"/min., 1" wide sample
Shear	2.0 hours	TLMI Method, 0.25 in ² x 500g
Service Temperature*	-40°F to 302°F (-40°C to 150°C)	
Application Temperature	40°F to 120°F (5°C to 49°C)	

* Actual service temperature is a function of the entire construction, including the facestock. Care should be taken to match facestock temperature limitations with the label application requirements.

Features

- Designed to meet difficult automotive underhood specifications.
- Good moisture and humidity resistance.
- Excellent thermal stability.
- Resistance to many automotive and industrial fluids.
- Meets CONEG requirements.
- Adhesive dry ingredients are listed by FDA as indirect food contact additives when used in food packaging with minimum opportunity for exposure. See 21 CFR 175.105.
- Liner is designed for high-speed die cutting and matrix stripping. Not recommended for sheet on press applications.
- Laminated to a film facestock.

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Storage Store under normal conditions of 70°F (21°C) and 50% relative humidity. To minimize the effects of humidity on the products, package the die-cut and printed stock in polyethylene bags. Low density polyethylene (2-4 mils) can help prevent humidity penetration.

Shelf Life To obtain best performance, use this product within two years from the date of manufacture.

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ISO 9001

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.



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