

Product Description

PMF150 is a pressure sensitive tape produced from PTFE impregnated glass fabric and coated with high temperature silicon adhesive

Product Construction

Backing	Adhesive	Color	Standard Roll Length	Width
Woven glass cloth impregnated with PTFE (polytetrafluoroethylene)	Silicone	Brown	36 yds. (32.9 m)	1"-38 in 25-965 mm

Typical Physical Properties

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

Property	ASTM Method		
Backing thickness	D-374	0,0050 in	125 µm
Adhesive thickness	D-374	0,0020 in	51 µm
Adhesion	D-1000	45 oz/in	4,92 N/cm
Elongation	D-1000	5 %	
Tensile strength	D-1000	120 lb/in	210 N/cm
Max Operating Temperature		500 °F	260 °C

Features

- Chemical inert
- High tensile strength
- Outstanding electrical
- Close to zero water absorption, performing extremely well in humid environments.
- Woven glass cloth fabric base film is adding reinforcement to the product adding tensile strength and resistance to tear and puncture compare to other PTFE films backed tapes.

Applications

- Covering rollers, drums, turnbars and formers on stitchers, binders and other process machinery
- Friendly release surface on packaging and heat sealing machines, ironing and pressing equipment
- Release sheet for moulds for durable, non contaminating release surface. Lay up of composite moulds
- Release surface on bonding tools
- Lining conveying chutes, troughs and ducts

Storage

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% RH in the original packaging.

Shelf Life

To guarantee the best performance, use this tape within 12 months from the manufacturing date.

Product use

All statements, technical information and recommendations contained in this document are based upon tests or experiments that we believe reliable. However, many factors beyond our control can affect the use and performance of the product in a particular application, including under which the products is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular application.

Warranty and limited remedy

Unless stated otherwise in the product literature or packaging insert, the manufacturer warrants that each product meets the applicable specifications at the shipping time. Individual products may have additional or different warranties as stated in the product literature or package inserts. We make no other warranties, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose or any implied warranty arising out of a course of dealing, custom or usage of trade. User is responsible for determining whether the product is fit for a particular purpose and suitable for user's application. If the product is defective within the warranty period, your exclusive remedy and our and seller's sole obligation will be, at our option, to replace the product or refund the purchase price.

Limitation of liability

Except where prohibited by law, we and seller will not be liable for any loss or damage arising from the product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

CAUTION: PTFE film tapes when exposed to temperature above 400 °F (204 °C), small quantities of hazardous vapors may be released. Inhalation of these vapors may be harmful or may cause respiratory tract irritation. Do not heat or expose PTFE film tape to temperature above 400 °F (204 °C).