

Product Description

PTFE Skived Film tape PML050 has a film backing with a silicone adhesive

Product Construction

Backing	Adhesive Color	Standard Roll Length	Width
Skived PTFE (polytetrafluoroethylene)	Silicone Light Grey	36 yds. (32.9 m)	¼"-20 in 7-508 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	0,0020 in	50 µm
Adhesive thickness	D-374	0,0015 in	38 µm
Adhesion	D-1000	40 oz/in	4,38 N/cm
Elongation	D-1000	300 %	
Tensile strenght	D-1000	18 lb/in	31,56 N/cm
Temperature use range		-100/500 °F	-73/260 °C

Features

- Skived films tapes demonstrate good conformability of uneven surfaces.
- Provides excellent chemical resistance except to organic solvents; in fact the silicone adhesive will be attacked by organic solvents therefore are not suitable for applications requiring organic resistance.
- To avoid wrinkling or bubbling of the backing on PTFE film tapes when they are exposed to temperatures above 250°F (121° C), pre-heat the surface to at least 150°F (66° C), preferred 180°F (82° C) to obtain the best possible results.

Applications

- Lines and ropes
- Mast, runners and spreaders
- Headstay, standing rigging and shrouds
- Uneven or irregular surfaces

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 product 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 purpose and suitable for the user's method of 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

Expect 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.