

Technical Data Sheet

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TF50 PTFE Tape

**Product Description**

A 50 micron low friction, heat and chemical resistant PTFE Film coated with a silicone rubber adhesive.

Main application: heat-resistant, insulating wiring harness, insulation for motors, coils, heat-resistant masking, all types of heat-resistant mold releases, for sliding parts, etc.

Features

- High Temperature Performance
- Resistance to Corrosive Chemicals
- Clean Removal

Main Applications

- High Temperature Insulation

Technical Data

	Units	Std. Values
Total Thickness	µm	100
Backing Thickness	µm	50
MD tensile strength	N/cm	25
MD elongation at break	%	100
Peel Adhesion	N/cm	3
Service Temperature (up to)	°C	180
Dielectric Strength	kV	9
Class		H

Backing material

Polytetrafluoroethylene

Type of adhesive

Silicon

Available colour

Black

Technical Information and Product Use

All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. Figures shown refer to average values only, based on tests carried out in conditioned laboratory and are not valid for specification. The company reserves the right to modify or change the products at any time without notice. The accuracy or completeness of such information is not guaranteed. The technical information, suggestions and other statements contained in this document have been compiled for your guidance and usage. PPM Industries reminds the user of the products to make sure that the product is used as per the instructions and suggestions provided. It is the user's sole responsibility to determine the suitability of the product in actual application under specific conditions.

Storage and Shelf Life

Suggested storage in dry area away from direct sunlight temperature should range from 59°F / 15°C to 77°F / 25°C with max relative humidity of 50%. Tape and jumbo roll should be used respectively within 12 months and 6 months from date of manufacture. PPM Industries does not take responsibility for the defective material if is not stored and used in accordance with the conditions listed above.