

PRODUCT DATA SHEET

TFES-5

SKIVED TEFLON™ (PTFE FILM) TAPE

DESCRIPTION:

TFES-5 is a skived PTFE film coated with a high temperature Silicone Adhesive, self-wound (without liner) on a 3" plastic core. Designed for use in applications where good insulation and heat resistance are required. Also, Teflon surface provides maximum slip and lubricity as well as heat resistance characteristics better than ultra high molecular weight polyethylene tapes.

APPLICATIONS:

- Used in electrical applications such as harness / coil wraps and separators, transformers and slot liners where good insulation and heat resistance are required.
- Used for roll protection in flat die extrusion.
- Used in mechanical applications such as heat sealing bars & jaws, labeling machine pressure pads, chute liners, anti-friction devices, bearings, forming dies, aircraft mold release & guide rails.

PHYSICAL PROPERTIES:

Substrate	5 mil Tensitized Skived PTFE film
Adhesive	Silicone
Total Thickness	6.5 mil
Tensile Strength	30 lb./inch width
Adhesion	40 oz/inch width
Elongation	300%
Temperature Range	-100°F to +500°F (Continuous use)
Dielectric Strength	14,000 Volts
Mil Specs	Conforms to MIL I-23594C Type I

NOTE: The physical properties listed above are typical test results obtained from a series of laboratory tests and should not be used for the purpose of writing specifications. Before using this product, user shall determine the suitability of the product for his/her use; and user assumes all risks and liabilities in connection therewith. All test procedures used are in accordance with ASTM and PSTC methods.

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