

PTFE3S | 3-mil Skived PTFE Tape with Silicone Adhesive

- 3 mil skived PTFE tape
- Gray color
- 9500V breakdown voltage

LINQTAPE™ PTFE3S is a high-temperature resistant PTFE tape designed for both permanent and temporary bonding in many high temperature and high voltage applications. Its high elongation makes the tape useful in applications that require conformability. It provides an excellent balance of electrical, thermal, and chemical properties over a wide range of temperatures. It can be used in applications that may see temperatures up to 260°C (500°F).

LINQTAPE™ PTFE3S comes in 33 meter (36 yard) rolls of varying widths. LINQTAPE PTFE films with silicone adhesive are available in a range of thicknesses, starting from 2 mil (50.8µm) thickness and up. Custom thicknesses are available upon request.

Specifications

Property	Value	Unit
Color	Gray	-
Adhesive Type	Silicone	-
Film Thickness	76.2 (3)	um (mil)
Adhesive Thickness	38.1 (1.5)	um (mil)
Release liner	None	-
Total Thickness	114.3 (4.5)	um (mil)
Temperature Resistance	260	°C
Tensile Strength	30	lbs/in
Elongation	300	%
Breakdown Voltage	9500	Volts
Peel Strength	25	oz/in
Insulation Class	180	(H)

Storage and Handling

Shelf life is 2 years if stored in a dry and cool, well ventilated place at room temperature.

The product should be kept in a cool (10°C – 25°C) dry place (40% – 75% humidity) away from direct sunlight or temperature extremes. Once removed from packaging it should be protected against dust and other impurities.

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