



## DeWAL® DW246-5 Skived PTFE Film

DeWAL® DW 246-5 is a pressure sensitive tape using skived PTFE film with a high temperature silicone adhesive that can withstand temperatures up to 260°C (500°F). The PTFE film is etched on the back side to provide a bond-able surface.

### Features & Benefits:

- Good adhesive strength at high temperatures
- High temperature resistance
- Good dielectric strength
- Non-stick surface
- Low friction

### Applications:

- Down-hole cable splicing
- Electrical applications

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
<b>PHYSICAL</b>			
Backing Material		---	PTFE Film
Backing Thickness, mm (inches)		0.122 - 0.132 (0.0048 - 0.0052)	---
Adhesive System		---	Silicone
Adhesive Thickness, mm (inches)		0.043 - 0.058 (0.0017 - 0.0023)	---
Adhesion, g/cm (oz./in)	ASTM-D 1000	458 - 681 (41 - 61)	592 (53)
Tensile Strength, kg/cm (lb./in)	ASTM-D 3759	5.7 - 7.5 (32 - 42)	6.6 (37)
Elongation, %	ASTM-D 3759	426 - 554	489
Dielectric Strength, Volts/mil	ASTM-D 149	2,864 - 3,720	3,343
Maximum Operating Temperature, C° (F°)			260 (500)

PRODUCT DIMENSIONS	METRIC	ENGLISH
Width mm, inches	12.7 - 546	0.5 - 21.5
Core Diameter mm, inches	25	1
Roll Length m, yards	16 - 33	18 - 36

\*Typical values shown are from testing at date of manufacture and should not be used for specification limits.

- Additional technical information and product specifications are available upon request.
- Shelf life is 1 year from the date of manufacture with storage conditions of 21°C (70°F) and 50% RH.
- All metric conversions are approximate.