

# DeWAL® DW244-2HD

DeWAL® DW244-2HD is produced from skived and tensilized PTFE film that is coated with a high temperature silicone adhesive. The tensilized film provides higher strength, lower elongation, and higher dielectric strength than our regular skived film. It is etched on the top surface, making it bond-able to itself and other materials.

## Features & Benefits:

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

## Applications:

- Electrical applications such as coil wraps, separators, transformers, slot liners, and harness wrapping

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
<b>PHYSICAL</b>			
Backing Material		---	PTFE Film
Backing Thickness, mm (inches)		0.043 - 0.058 (0.0017 - 0.0023)	---
Adhesive System		---	Silicone
Adhesive Thickness, mm (inches)		0.030 - 0.046 (0.0012 - 0.0018)	---
Adhesion, g/cm (oz./in)	ASTM-D 1000	256 - 458 (23 - 41)	335 (30)
Tensile Strength, PSI (MPa)	ASTM-D 3759	96 - 133 (13,909 - 19,269)	121 (17,535)
Elongation, %	ASTM-D 3759	116 - 182	147
Dielectric Strength, Volts/mil	ASTM-D 149	5,200 - 6,680	6,025
UL Approved	File no. E179854	Flame Retardant/Cold Resistant	Approved
Government Specification: Mil-A-A59474	Type 2, Class 1	(Supersedes Mil-I-23594C)	Pass
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	76	3
Roll Length m, yards	33	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.