

DeWAL® DW FST

DeWAL® DW FST is a pressure sensitive tape using highly tensilized skived PTFE film with high temperature silicone adhesive. The tensilized film in FST has the highest per unit tensile strength, toughness, and temperature resistance of any DeWAL PTFE product.

Features & Benefits:

- High tensile strength
- High temperature resistance
- Excellent chemical resistance

Applications:

- Roll protection in high speed, high temperature flat die extrusion of polyethylene coatings and laminations

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
PHYSICAL			
Backing Material		---	PTFE Film
Backing Thickness, mm (inches)		0.055 – 0.0711 (0.0022 – 0.0028)	---
Adhesive System		---	Silicone
Adhesive Thickness, mm (inches)		0.030 – 0.046 (0.0012 – 0.0018)	---
Adhesion, g/cm (oz./in)	ASTM D-1000	346 – 424 (31 – 38)	390 (35)
Dielectric Strength, V/mil	ASTM-D149	2,500 - 3,753	3,358
Maximum Operating Temperature, C° (F°)			260 (500)

PRODUCT DIMENSIONS	METRIC	ENGLISH
Width mm, inches	6.35 – 508	0.25 – 20
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.