

DeWAL® DW664

DeWAL® DW664 is a pressure sensitive tape using a highly tensilized PTFE film coated with a high temperature silicone adhesive. The orange tensilized film is combined with a unique filled composition to enhance the performance characteristics that are similar to an extruded PTFE tape.

Features & Benefits:

- Extremely high tensile strength
- Increased wear properties
- High temperature resistance

Applications:

- High speed roll protection
- High temperature flat die extrusion of polyethylene coatings & laminations
- Other applications within aircraft maintenance markets

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
PHYSICAL			
Backing Material		---	PTFE Film
Backing Thickness, mm (inches)		0.089 - 0.114 (0.0035 - 0.0045)	---
Adhesive System		---	Silicone
Adhesive Thickness, mm (inches)		0.030 - 0.046 (0.0012 - 0.0018)	---
Adhesion, g/cm (oz./in)	ASTM-D1000	390 - 502 (35 - 45)	446 (40)
Tensile Strength, MPa (psi)	ASTM-D3759	62 - 85 (8,952 - 12,295)	71 (10,319)
Elongation, %	ASTM-D3759	167 - 272	211
Maximum Operating Temperature, C° (F°)			260 (500)
PRODUCT DIMENSIONS			
	METRIC	ENGLISH	
Width mm, inches	12.7 – 572	0.5 – 22.5	
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.