

## DeWAL® DW351-5

DeWAL® DW351-1 is an aluminum foil coated with a polytetrafluoroethylene (PTFE/green) and a pressure sensitive silicone adhesive on one side.

## Features &amp; Benefits:

- High temperature range
- Chemical resistance
- Low coefficient of friction

## Applications:

- High temperature heat seal applications
- Manufacturing and converting process
- Food packaging applications
- EMI/RFI shielding in electronic applications

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
<b>PHYSICAL</b>			
Backing Material		---	Aluminum foil coated with PTFE
Foil Thickness, mm (inches)		0.121 - 0.133 (0.00475 - 0.00525)	---
PTFE Thickness, mm (inches)		0.00127 - 0.0089 0.00005 - 0.00035	---
Adhesive System		---	Silicone
Adhesive Thickness, mm (inches)		0.038 - 0.064 (0.0015 - 0.0025)	---
Adhesion, g/cm (oz./in)	ASTM-D1000	703 - 1,205 (63 - 108)	848 (76)
Tensile Strength, MPa (psi)	ASTM-D3759	96.5 - 131 (14,000 - 19,000)	114 (16,500)
Elongation, %	ASTM-D3759	12 - 20	16
Maximum Operating Temperature, C° (F°)			260 (500)

PRODUCT DIMENSIONS	METRIC	ENGLISH
Width mm, inches	12.7 – 304.8	0.5 – 12
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.