

DeWAL® DW411

DeWAL® DW411 is a heavy aluminum foil and glass fabric laminate with a high temperature silicone adhesive. The aluminum foil provides excellent reflective and conductive characteristics in high temperature applications. The silicone adhesive provides excellent adhesion at high temperatures yet will remove cleanly.

Features & Benefits:

- Removes cleanly at elevated temperatures
- Excellent abrasion resistance
- Great reflective and conductive characteristics

Applications:

- Masking tape in plasma flame spraying
- Wire arc
- HVOF

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
PHYSICAL			
Backing Material		---	Aluminum Foil/Glass Fabric
Backing Thickness, mm (inches)		0.15 – 0.19 (0.0059 – 0.0073)	---
Adhesive System		---	Silicone
Adhesive Thickness, mm (inches)		0.09 – 0.11 (0.0035 – 0.0045)	---
Adhesion, g/cm (oz./in)	ASTM D-1000	547 – 1049 (49 - 94)	826 (74)
Engine Manufacturer Approvals:			
Pratt & Whitney	PMC - 4235		Approved
Rolls Royce	OMAT 2/96L		Approved
General Electric	C10-12		Approved
Maximum Operating Temperature, C° (F°)			260 (500)

PRODUCT DIMENSIONS	METRIC	ENGLISH
Width mm, inches	6.35 - 432	0.25 - 17
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.