Product Data Sheet

DeWAL® DW407

DeWAL® DW407 is an 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 reflective and conductive characteristics
- Strong adhesion at high temperatures

Applications:

- Masking tape in plasma flame spraying
- Heat shield for harness wraps

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
PHYSICAL			
Backing Material		---	Aluminum Foil/Glass Fabric
Backing Thickness, mm (inches)		0.076 - 0.106 (0.003 - 0.0042)	---
Adhesive System		---	Silicone
Adhesive Thickness, mm (inches)		0.076 - 0.102 (0.003 - 0.004)	----
Adhesion, g/cm (oz./in)	ASTM-D 1000	480 - 893 (43 - 80)	703 (63)
Engine Manufacturer Approvals:			
Pratt & Whitney	PMC # 4235		Approved
Rolls-Royce Aero Repair	OMAT2/205		Approved
Lockheed Martin	J505		Approved
Minimum Operating Temperature, C° (F°)			-73.3 (-100)
Maximum Operating Temperature, C° (F°)			260 (500)

PRODUCT DIMENSIONS	METRIC	ENGLISH
Width mm, inches	6.35 - 660	0.25 - 26
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.

ROGERS CORPORATION