

# DeWAL® DW410

DeWAL® DW410 is a blue silicone rubber-coated glass fabric with a high temperature silicone adhesive. The silicone rubber is tough, abrasion resistant, and able to withstand high temperatures as well as grit blasting impact. The silicone adhesive provides excellent adhesion at high temperatures yet removes cleanly.

## Features & Benefits:

- Removes cleanly at elevated temperatures
- Excellent abrasion resistance
- One-step plasma masking tape
- Prevents bridging during metalization process

## Applications:

- Masking tape in plasma flame spraying
- Grit blasting

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
<b>PHYSICAL</b>			
Backing Material		---	Silicone/Glass Cloth
Backing Thickness, mm (inches)		0.178 – 0.229 (0.007 – 0.009)	---
Adhesive System		---	Silicone
Adhesive Thickness, mm (inches)		0.064 – 0.089 (0.0025 – 0.0035)	---
Adhesion, g/cm (oz./in)	ASTM D-1000	335 – 670 (30 - 60)	469 (42)
Engine Manufacturer Approvals & Military:			
Pratt & Whitney	PMC - 4416		Approved
Rolls-Royce Aero Repair	OMAT 2/96L		Approved
General Electric	GE C10-012		Approved
Gov't Specification	Mil Spec-Y		Approved
Maximum Operating Temperature, C° (F°)			260 (500)

PRODUCT DIMENSIONS	METRIC	ENGLISH
Width mm, inches	6.35 - 914	0.25 - 36
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.