

DeWAL® DW500

DeWAL® DW500 is a one-step plasma masking tape constructed of a silicone rubber, glass cloth backing, and coated with an aggressive high-temperature silicone adhesive. It will withstand grit blast and plasma spray processes yet will remove cleanly.

Features and Benefits:

- High temperature protection
- Aggressive high temperature silicone adhesive
- Conforms easily to complex shapes
- High tensile strength

Applications:

- Masking tape in plasma flame spraying
- Grit blasting
- Plasma metallization operations

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
PHYSICAL			
Backing Material		---	Silicone/Glass
Backing Thickness, mm (inches)		0.178 – 0.228 (0.007 – 0.009)	---
Adhesive System		---	Silicone
Adhesive Thickness, mm (inches)		0.096 – 0.122 (0.0038 – 0.0048)	----
Adhesion, g/cm (oz./in)	ASTM D-1000	480 – 603 (43 – 54)	547 (49)
Engine Manufacturer Approvals:			
General Electric (GE)	GE C10-012		Approved
Pratt & Whitney	PMC 4630, PMC 4295		Approved
Rolls-Royce Aero Repair	OMAT 2/96M		Approved
Maximum Operating Temperature, C° (F°)			260 (500)

PRODUCT DIMENSIONS	METRIC	ENGLISH
Width mm, inches	6.35 – 914.4	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.