

# DeWAL® DW500-10

DeWAL® DW500-10 is a high temperature thermal spray masking tape designed for the use in the most severe thermal spray applications. The tape is constructed of a single layer and will perform the jobs that double-ply laminates do today. DW500-10 is a good low cost alternative to expensive double-ply laminate tapes. It has exceptional abrasion resistance yet it is conformable enough for most demanding parts.

### Features & Benefits:

- Single layer
- Abrasion Resistant
- Conformable

### Applications:

- Thermal spray masking tape
- Grit blasting
- Plasma spray, wire arc and HVOF processes

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
<b>PHYSICAL</b>			
Backing Material		---	Silicone/Glass Cloth
Backing Thickness, mm (inches)		0.33 – 0.41 (0.013 – 0.016)	---
Adhesive System		---	Silicone
Adhesive Thickness, mm (inches)		0.096 – 0.122 (0.0038- 0.0048)	---
Adhesion, g/cm (oz./in)	ASTM D-1000	402 – 781 (36 - 70)	592 (53)
Engine Manufacturer Approvals			
Pratt & Whitney	PMC4630		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	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.