

DeWAL® DW500-47

DeWAL® DW500-47 is a high temperature thermal spray masking tape design for the most severe HVOF applications. It is constructed of glass cloth, silicone rubber and an additional layer of protection with aluminum foil. The foil and glass component enhances heat deflection and improves the overall performance under the most demanding conditions.

Features & Benefits:

- Double layer
- Enhanced heat deflection
- Conformable

Applications:

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

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
PHYSICAL			
Backing Material		---	Silicone/Glass Cloth/Al Foil
Overall Thickness, mm (inches)		1.04 – 1.30 (0.041 – 0.051)	---
Adhesive System		---	Silicone
Adhesion, g/cm (oz./in)	ASTM D-1000	468 – 792 (42 - 71)	636 (57)
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	10	11

*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 one year from the date of manufacture with storage conditions of 21°C (70°F) and 50% RH.
- All metric conversions are approximate.