

DeWAL® DW503

DeWal® DW503 is a construction of a high temperature glass cloth and copper foil. The double-ply construction provides superior protection for the most demanding thermal spray applications. DW503 has excellent conformability while maintaining clean removability after the thermal spray process.

Features & Benefits:

- Double layer
- Heavy duty
- Adhesive removes cleanly

Applications:

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

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
PHYSICAL			
Backing Material		---	Glass Cloth/Copper Foil
Overall Thickness, mm (inches)		0.76 - 0.91 (0.030 - 0.036)	---
Adhesive System		---	Silicone
Adhesion, g/cm (oz./in)	ASTM-D 1000	346 - 580 (31 - 52)	491 (44)
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 1 year from the date of manufacture with storage conditions of 21°C (70°F) and 50% RH.
- All metric conversions are approximate.