



DeWAL® DW 500HT

DeWAL® DW 500HT is a one-step plasma masking tape constructed of silicone rubber, a glass cloth backing, and coated with an aggressive high-temperature silicone adhesive. It will withstand grit blast and plasma spray process yet will remove cleanly. The product is similar to our original DeWAL® DW500, but with a higher tack feel to the tape.

Features & Benefits:

- High temperature protection
- Has an aggressive high temperature silicone adhesive
- Confirms easily to complex shapes
- High tensile strength
- High tack feel

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	335 - 670 (30 - 60)	536 (48)
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.