

DeWAL® DW500-40

DeWAL® DW500-40 is a masking tape designed for HVOF applications. It is a high temperature thermal spray masking tape designed for the most severe applications. The tape is constructed of glass cloth and silicone rubber. DW500-40 is able to withstand grit blasting and the energy of HVOF spraying processes.

Features & Benefits:

- Double 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* |
|--|-------------|--------------------------------|----------------------|
| PHYSICAL | | | |
| Backing Material | | | Silicone/Glass Cloth |
| Overall Thickness, mm (inches) | | 0.86 – 1.07 (0.034 – 0.042) | |
| Adhesive System | | | Silicone |
| Adhesion, g/cm (oz./in) | ASTM D-1000 | 468 – 792 | 636 |
| | | (42 - 71) | (57) |
| 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 | 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.



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