



DW500-40

Thermal Spray Tape

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.

Applications:

- Masking tape in grit blasting, plasma, flame, HVOF and wire arc spraying

Industry(s):

- Plasma & Thermal Spray Masking

Features and Benefits

- Double layer
- Abrasion Resistant
- Conformable

Basic Physical Properties	Typical Value	Units	Test Method
Adhesion to Steel	636 / 57	g/cm / oz/in	ASTM-D 1000
Color	White	N/A	N/A
Construction	Typical Value	Units	Test Method
Substrate	Silicone Rubber & Glass Cloth	N/A	N/A
Adhesive System	Silicone	N/A	N/A
Overall Thickness	0.965 / 0.038	mm / in	ASTM-D374
Min Width	6.35 / 0.25	mm / in	N/A
Max Width	914 / 36	mm / in	N/A
Heat and Flame	Typical Value	Units	Test Method
Max Operating Temp.	260 / 500	°C / °F	N/A
Processing & Packaging	Typical Value	Units	Test Method
Shelf Life	18	Months from DOM	N/A
Shelf Life Storage Temp.	21 / 70	°C / °F	N/A
Roll Length	10 / 11	m / yd	N/A
Standard Core Type	Plastic	N/A	N/A
Core Diameter	76 / 3	mm / in	N/A
Standard Liner	Yellow Bubble	N/A	N/A

Specifications	
Specification(s)	PMC 7119

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

Note: Shelf life is defined as the duration of time for which the product will meet the physical characteristics outlined on this page. It does not guarantee the product's usefulness in all applications.



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