



DW500-47

Thermal Spray Tape

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.

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	1.17 / 0.046	mm / in	ASTM-D374
Min Width	6.35 / 0.25	mm / in	N/A
Max Width	432 / 17	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	DeWAL Paper	N/A	N/A
Core Diameter	76 / 3	mm / in	N/A
Standard Liner	Yellow Bubble	N/A	N/A

- 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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