



DW501

Thermal Spray Tape

DeWAL® DW501 is a laminate of blue silicone rubber, glass fabric, 4mil aluminum foil, and another layer of glass fabric. The tape is constructed for severe HVOF conditions.

Applications:

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

Industry(s):

- Aerospace
- Plasma & Thermal Spray Masking

Features and Benefits

- Double layer
- Abrasion Resistant
- Adhesive removes cleanly

Basic Physical Properties	Typical Value	Units	Test Method
Adhesion to Steel	725 / 65	g/cm / oz/in	ASTM-D 1000
Color	Blue	N/A	N/A
Construction	Typical Value	Units	Test Method
Substrate	Silicone Rubber & Foil & Glass Cloth	N/A	N/A
Adhesive System	Silicone	N/A	N/A
Adhesive Thickness	0.065 / 0.0025	mm / in	N/A
Overall Thickness	0.545 / 0.0215	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	16 / 18	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)	GE: C10 - 12, RR: OMAT 2/174G		
• 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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