



DW497

Thermal Spray Tape

DeWAL® DW497 is a white silicone rubber-coated glass fabric with a high temperature silicone adhesive. The silicone rubber is tough and abrasion resistant enough to withstand the high temperatures and impact of grit blasting and plasma spraying.

Applications:

- Masking tape in grit blasting, plasma, and flame spraying

Industry(s):

- Aerospace
- Plasma & Thermal Spray Masking

Features and Benefits

- High temperature resistance
- Abrasion resistance
- Single-ply construction

Basic Physical Properties	Typical Value	Units	Test Method
Adhesion to Steel	480 / 43	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
Substrate Thickness	0.203 / 0.008	mm / in	N/A
Adhesive System	Silicone	N/A	N/A
Adhesive Thickness	0.0762 / 0.003	mm / in	N/A
Overall Thickness	0.2794 / 0.011	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	33 / 36	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	CPMC74111-01, GE: C10 - 12, PMC 4458, RR: OMAT 2/174B		
Specification(s)			

- 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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