



DW492

Thermal Spray Tape

DeWAL® DW492 is a pressure sensitive tape produced by laminating two layers of closely woven glass fabric (DW469) together. DW492 is coated with a high temperature silicone adhesive. The glass fabric has superior abrasion and heat resistance.

Applications:

- Masking tape in grit blasting, plasma, and flame spraying
- Masking where single-ply tape will not provide sufficient protection

Industry(s):

- Aerospace
- Plasma & Thermal Spray Masking

Features and Benefits

- High temperature resistance
- Abrasion resistance
- Double-ply construction

Basic Physical Properties		Typical Value	Units	Test Method
Dielectric Strength		237.8 / 604	kV/cm / V/mil	ASTM D149
Adhesion to Steel		491 / 44	g/cm / oz/in	ASTM-D 1000
Color		White	N/A	N/A
Construction		Typical Value	Units	Test Method
Substrate		Glass Cloth	N/A	N/A
Adhesive System		Silicone	N/A	N/A
Overall Thickness		0.3555 / 0.014	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		GE: C10 - 12, PMC 4462, RR: OMAT 2/96P		
Specification(s)		GE: C10 - 12, PMC 4462, RR: OMAT 2/96P		
		• 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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