



DW PXG

Thermal Spray Tape

DeWAL® Plasma X™ is a one-step plasma masking tape constructed of a green silicone rubber-coated glass cloth with an aggressive high temperature silicone adhesive. It will withstand grit blast and plasma spray processes yet will remove cleanly.

Applications:

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

Industry(s):

- Plasma & Thermal Spray Masking

Features and Benefits

- Improved mechanical strength for optimal masking
- High temperature protection
- Abrasion resistance
- Aggressive high temperature silicone adhesive with clean release upon removal
- One-step plasma tape

Basic Physical Properties	Typical Value	Units	Test Method
Adhesion to Steel	558.22889 * / 50.015 *	g/cm / oz/in	ASTM-D 1000
Color	Green	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
Adhesive Thickness	0.0508 / 0.002	mm / in	N/A
Overall Thickness	0.266 / 0.0104	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	DeWAL Paper	N/A	N/A
Core Diameter	76 / 3	mm / in	N/A
Standard Liner	Yellow Bubble	N/A	N/A
Custom Properties			Value
Adhesion to Steel (After 24 hour dwell at room temperature, then peel)			358.945 g/cm
Adhesion to Backing (After 24 hour dwell at room temperature, then peel)			539.53383 g/cm

Specifications
Specification(s) PMC 4295

*Values are taken after 45 minutes at 550°F, then cooled for 1 hour, then peel. Based on preliminary data.

- 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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