



## DW 411 HVOF Spray Tape

**Product Description:**

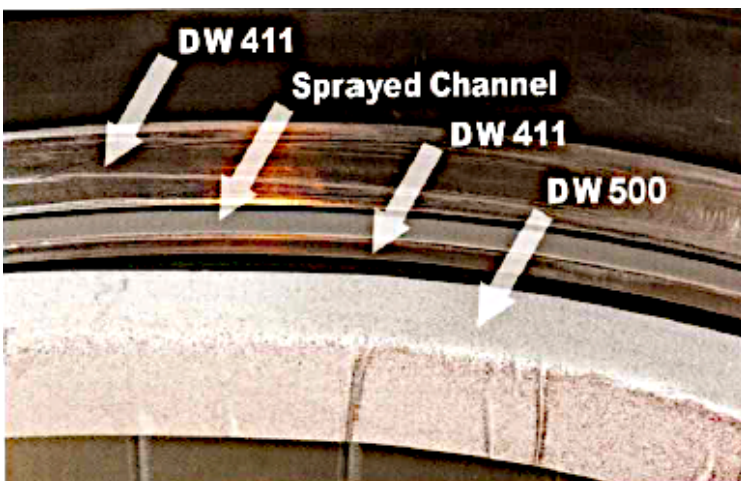
DW 411 is a heavy duty 4 mil (0.102 mm) aluminium foil with fiberglass laminate and a high temperature silicone adhesive. The heavy duty 4 mil (0.102 mm) thick aluminium foil provides the excellent reflective and conductive characteristics in high temperature applications of the HVOF spraying process, while the silicone provides excellent adhesion at high temperature and yet will remove cleanly after the spraying process.

**Application Information:**

DW 411 is used primarily in a more demanding plasma spray applications that includes wire arc, HVOF and traditional plasma spray.

DW 411 Technical data			
Properties	Test Method	Values	
Material		Aluminium and Fiberglass Laminate	
Adhesive System		Silicone	
		<b>Imperial</b>	<b>Metric</b>
Backing Thickness		0.007"	0.018
Adhesive Thickness		0.004"	0.0102 cm
Adhesion Strength	ASTM D1000	60 oz./in.	669.66 g/cm
Elongation	ASTM D3759	5%	5%
Continuous Operating Temperature		500°F	260°C
Pratt & Whitney	PMC 4235	Approved	
<b>Packaging</b>			
Core I.D.		3"	7.62cm
Width		0.25" to 36"	0.635 to 91.44 cm
Roll Length		36 yards	32.92 metres

This technical data are of typical values and should not be used to write specifications, create warranties of any kind. Users should determine the suitability of the product for their applications.



Highly reflective DW 411, a heavy duty 0.004" (0.102 mm) thick aluminium and fiberglass laminate designed to withstand high temperature and abrasion of high velocity oxy-fuel (HVOF) spraying, butts the channel of this aerospace critical tight tolerance part. Silicone impregnated fiberglass DW 500, known for excellent conformability covers the internal radius.