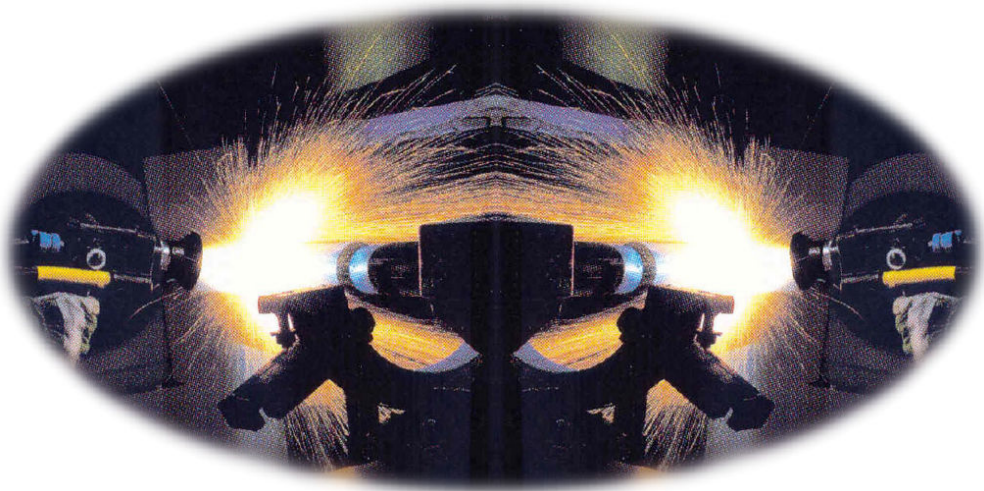




*High Performance  
Durable Masking Tapes  
For  
Thermal Spray Industries*



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*A Brand Of  
Quality To  
Rely On...*

**PPI Adhesive Products Ltd.** manufactures a comprehensive range of durable masking tapes for the thermal spray industry including plasma and HVOF processes. Our products have been developed in conjunction with leading aircraft engine manufacturers and as a result we have received approvals from Rolls Royce, General Electric and Pratt & Whitney.

PPI plasma and HVOF masking tapes have been designed to withstand vigorous grit blasting processes and harsh spraying conditions at extremely high temperatures. Due to the high performance silicone adhesives used, our masking tapes have excellent surface adhesion and will not lift during processing, ensuring a fine sharp edge every time on the thermal sprayed coating.

The PPI multi-laminate tapes possess the highest thermal endurance of all the products within the PPI range. These robust products are used to resist the harshest grit blasting and spraying processes including HVOF. Although these products are thicker than conventional tapes, they are still highly conformable and can be worked into small spaces. These products can eliminate the need for multiple layer masking, thus reducing costs.

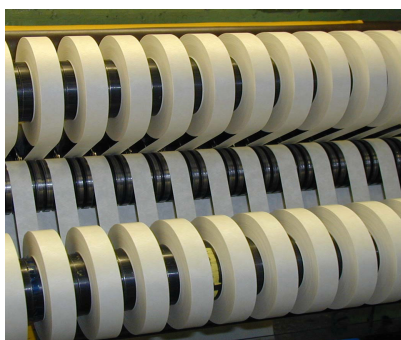
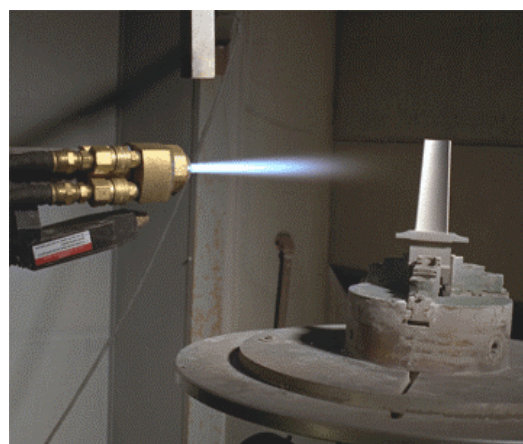
The tapes are residue free upon removal, eliminating the need for further cleaning/processing.

### **PPI RD-692 / RD-692B & PPI 8415** Glasscloth / Silicone Adhesive

These products are based on a single layer of glasscloth coated on one side with a layer of high performance silicone adhesive. Various degrees of adhesion can be achieved. The glasscloth offers excellent abrasion and mechanical resistance.

Used for general plasma masking applications.

PRODUCT	RD-692	RD-692B	8415
Base Material	Glasscloth	Glasscloth	Glasscloth
Adhesive Strength	4.5 N/cm	3.0 N/cm	4.0 N/cm
Total Thickness	0.185mm	0.180mm	0.165mm



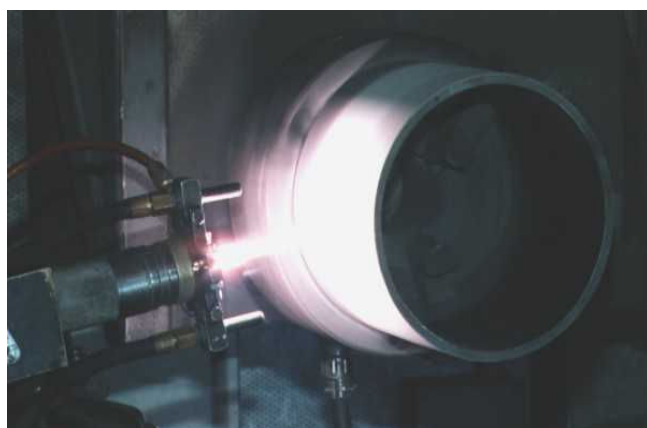
### **PPI LM-745** 2 Layer Glasscloth / Silicone Adhesive Laminate

LM-745 consists of a 2-layer glasscloth laminate coated with silicone adhesive. This tape has improved abrasion and mechanical resistance and can resist harsh grit blasting processes as a result. Due to its robust construction, LM-745 also offers increased thermal protection and can reduce the time required during masking where multiple layers are normally required.

### **PPI LM-681** 3 Layer Glasscloth / Silicone Adhesive

Offering the ultimate protection of the glasscloth range, LM-681 consists of a triple layer glasscloth coated with silicone adhesive. The product is still conformable and has high resistance to cut through and abrasion.

PRODUCT	LM-745	LM-681
Base Material	Glasscloth x 2	Glasscloth x 3
Adhesive Strength	4.5 N/cm	4.5 N/cm
Total Thickness	0.325mm	0.500mm



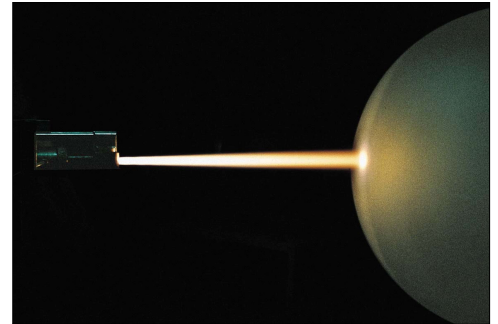
**PPI - We don't just sell tape ... we sell quality solutions ...**

## *Die cut profiles can be manufactured to customer's specific requirements that can save valuable time during masking*

### **PPI 8416**

*Double sided Glasscloth / Silicone Adhesive*

*PPI 8416 is based on a glasscloth coated on both sides with a silicone adhesive. This product can be used as a primary masking in conjunction with a secondary overwrap of another type product. PPI 8416 is supplied on a removable filmic interliner.*



### **PPI 9815**

*Aluminium Foil / Glasscloth / Silicone Adhesive*

*PPI 9815 is based on a thin aluminium foil / glasscloth laminate coated on one side with a high temperature resistant silicone adhesive. The tape can reflect radiant heat and remain stable at very high temperatures. Used for plasma and HVOF. High adhesion between tape layers.*

PRODUCT	PPI 8416	PPI 9815
Base Material	Glasscloth	Aluminium Glasscloth
Adhesive Strength	5.0 N/cm	4.5 N/cm
Total Thickness	0.120mm	0.150mm



### **PPI SP-2321**

*Silicone Rubber / Glasscloth / Silicone Adhesive*

*Silicone rubber backed glasscloth with silicone adhesive. SP-2321 is a highly flexible product that has excellent interlayer adhesion. The reinforced glassfabric possesses excellent heat resistance.*

PRODUCT	BASE MATERIAL	ADHESIVE STRENGTH	TOTAL THICKNESS
SP-2321	Silicone rubber backed glasscloth	2.0 N/cm	0.250mm

### **PPI LM-743 & LM-744**

*Multi-Layer Glasscloth / Copper Foil / Silicone Adhesive*

*LM-743 & LM-744 are primarily used for HVOF masking applications. Consisting of multiple glasscloth layers with copper foil laminated in between, these products are the most robust of all the PPI types and can resist the most rigorous and demanding coating processes. Despite their overall thickness, these tapes are both conformable and malleable, and have the unique ability to be formed to a shape to assist with delicate taping procedures. The increased thickness also helps when depositing a thick coating to the metal surface. The high performance silicone adhesive ensures residue free masking.*

PRODUCT	LM-743	LM-744
Base Material	Glasscloth / CopperFoil	Glasscloth / CopperFoil
Adhesive Strength	4.5 N/cm	3.0 N/cm
Total Thickness	0.560mm	0.580mm

**See reverse for  
PPI Sales  
Companies  
Worldwide**



***PPI ...Your Partner in Product Innovation...***



# PPI SALES COMPANIES WORLDWIDE



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