

PLOFLON Plasma Spray Masking Tape



Product	Product category	Coating
PLOFLON Plasma Spray Masking Tape	Adhesive Tape Serie	Silicone PSA

The automotive and aerospace industries some mechanical part is highly loaded with temperatures, corrosion, and erosion. To protect them against these heavy influences, plasma spraying is the solution. PLOFLON plasma spray masking tape is designed to withstand the most demanding plasma and flame spray, and grit-blasting applications. These tapes protect the unwanted coating areas both from the grit-blasting and from the actual plasma spray coating. Plasma spray masking tapes are constructed of a silicone rubber and fiberglass fabric composite and resist the high temperatures of the plasma spray coating process and have excellent abrasion resistance. The adhesive is a high-temperature silicone PSA, which allows the product to withstand continuous temperatures up to 260°C and releases cleanly from metal surfaces with no adhesive residue. Standard rolls are 33 meters' length by 1000 mm wide and can be slit in widths ranging from 12,5 mm to 1000 mm. PLOFLON tapes are available with either a yellow PVC liner or clear flat liner.

Properties	Value	Unit
Standard width Please ask for other widths	10, 20, 30, 40, 50, 1000	mm
Total Thickness	0,280mm	mm
Adhesion to steel	15	N/25mm
Adhesion to itself	11	N/25mm
Tensile strenght	800	N/25mm
Temperature resistance	+260°	Celsius
Elongation at break	5	%
Colour	Cream	
Core ID	Ø 76	mm

Note: Nominal thickness, weight and tensile strength values are typical and are not intended as a specification minimum. Weight Tolerance g/m² = ±%5

All technical data are based on average values. These values are not intended for use in preparing specifications. Technical information contained herein are based on test results PLOFLON believes to be reliable, but they are not to be construed in any manner as warranties expressed.

All data is subject to change without notice.

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