

Thermal Spray Masking Tape

Technical Datasheet

170-10S YL



General Information

Product Group	Thermal Spray
Industry Segments	Aerospace, Energy, Medical, Electronics
Main Product Features	Excellent resistance to cut through and abrasion, Superior adhesion to itself to withstand the extreme conditions of metalizing and plasma spray operations, Releases cleanly from metal surfaces

Tape Construction

Colour	White/Creme
Substrate	Fiberglass
Surface Coating	Silicone
Adhesive	Silicone

Technical Data

Total Thickness	0.28 mm	11 mil	Test Method	TM# 13
Maximum Width	1,219 mm	48 in		
Tear (Fabric)	29 N/cm	16.20 lb/in	Test Method	TM# 5
Min. Adhesion to Steel (180) per Width	5 N/cm	45.50 oz/in	Test Method	TM# 11
Min. Adhesion to Steel (90) per Width	7 N/cm	60.00 oz/in	Test Method	TM# 11
Min. Face to Back	5 N/cm	46.80 oz/in	Test Method	TM# 11

Applications

Plasma Spray
Arc Spray
Flame Spray
Grit Blast