

Masking Compound

Technical Datasheet

HVMC



General Information

Product Group	Thermal Spray
Industry Segments	Thermal Spray Job Shops, Aerospace
Main Product Features	Excellent resistance to cut through and grit blast abrasion, Dough like consistency provides excellent molding /conforming properties, Superior adhesion to our 160, 162, and 170 series thermal spray masking tapes, Excellent resistance to the extreme conditions of thermal spray operations, Releases cleanly from metal surfaces

Compound Property

Component	A	B
Appearance	White	Blue
Density (20°C / 68°F)	1.40 g/cm ³ / 0.81 oz/in ³	
Storage Stability	12 month @ 10–30 °C / 50–86 °F	

Catalysed Compound (23 °C / 73 °F, 50 % rel. atmospheric humidity)

Mixing ratio, A:B	1:1
Colour	Blue
Pot Life, manual, min. sec.	1.40
Curing Time, min @ RT	6

Technical Data

Hardness, Shore A	40
Tensile Strength	3813 kPa / 553 psi
Elongation	230 %
Tear	>70 %

Applications

Highly effective for masking difficult openings, crevices and contours.
HVMC can be used to form reusable masking plugs, caps, and moulds.
HVMC stands up to all forms of thermal spray and surface treatment.