

High Temperature Masking Tape.

Typical Applications

Masking for high temperature processes [200 - 260°C] and demanding applications for example ; Powder coating, enamelling and plasma coating. In some cases the tape can remain in place during high temperature paint cures. These tapes can be applied to a grease and oil free metal surface prior to shotblasting or chemical cleaning.

Features

All tapes have a silicone adhesive layer applied to a polyester, polyamide or glasscloth fabric or film. They provide good adhesion to most metallic surfaces and do not leave residues when peeled. Tapes have sufficient strength and will peel cleanly while still warm.

Selection

The exposure to heat, both in terms of time and temperature, and the type of process environment e.g. shotblast, chemical clean etc. will determine the type of tape required. Although tapes are rated according to their maximum process temperature this may never be reached if application times are short. In these situations lower quality tapes may be perfectly adequate for the application and should be tested for suitability.

Construction

	Thickness microns	Maximum application temp.°C
Carrier type:		
Polyester	25 - 50	220
Polyimide	40	240
Glasscloth	180	260
Adhesive:	35	
Silicone resin		

Supply Form

High temperature tape is supplied in 66 m rolls in the following standard widths. Special widths and custom made die cut pieces can also be supplied.

Standard widths[mm]	Rolls per box.
100 [4 ins]	4
75 [3 ins]	8
50 [2 ins]	8
25 [1 ins]	16
12 [0.5 ins]	16