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UK Insulations
Product Information

Silicone Adhesive Kapton

Product Description

Silicone adhesive kapton is a 25-micron Kapton® tape with a silicone thermosetting adhesive system.

Performance Features

Kapton® substrate :

Provides high puncture resistance and superb high temperature performance.
Excellent conformability.

Silicone thermoset adhesive system :

Performs at temperatures up to 180°C.

Applications

Silicone adhesive kapton has a high temperature (180°C) performance in masking and DC/fractional motor applications.

Technical information

Insulation class (C°)	180
Backing thickness (mm)	0.025
Adhesive thickness (mm)	0.0375
Total thickness (mm)	0.0625
Tensile Strength (N/25mm)	155
Adhesion to steel (N/25mm)	4.1 (low)
Adhesion to steel (N/25mm)	5.56 (average)
Adhesion to steel (N/25mm)	8 (high)
Elongation (%)	50
Dielectric breakdown (kV)	7.5
Backing	Kapton®
Adhesive type	Silicone
Colour	Amber

