Kapton® FN Polyimide Coil

Kapton® FN coil (120/150/200 gauge) for high-volume magnet wire taping, motor slot liner strip & transformer winding — adhesive-free FEP bond. **SKU:** 1000237687-group
Product Code: IM38-FM

Material Properties for Polymers

Thermal Properties

Element	Value
Lower working temperature(°C)	-269
Upper working temperature(°C)	240
Thermal conductivity(W m?¹ K?¹)	0.12

Electrical Properties

Element	Value
Dielectric strength(kV mm?¹)	272
Volume resistivity(?·cm)	1.4×10^17
Surface Treatment	FEP coating

Mechanical Properties

Element	Value
Tensile strength(Mpa)	207
Elongation at break(%)	75
Coefficient of friction(Kinetic)	0.48

Physical Properties

Element	Value
Density(gcm?³)	1.53
Flammability(UL-94)	V-0