

KAPTON TAPE

42-020-00xx

Designed for numerous high temperature masking applications
Clean room compliant



Product Specifications

Material:	Low static polyimide (Kapton) film that employs a unique coating with silicone adhesives
Thickness:	65 µm
Adhesive to steel:	650 g/f/in (ASTM D3330)
Tensile strength:	5 kg/f/c (ASTM D3759)
Elongation:	63 % (ASTM D3759)
Insulation class:	200 UL file E203272
Chemical resistance:	Good (test at 180°C /hour in heating oven)
Operation temperature:	-73°C~260°C x10min (ATSM D149)
Static Charges:	< 50 Volts (@ 50% RH, 20°C)
Shelf life:	Maximum 1 year when stored in a cool dry place < 24°C
Surface resistance:	10 ⁹ (CCT Method)
Cleanliness:	ISO 6 compliant
Rolls:	Core 76 mm Length 33 m

Recommendations of use

- When applying pressure-sensitive adhesive film to any surface, ensure that the surface is free from oil or other contaminating surface (such as powder, dust or release agent).
- Adhesive performance should be carefully checked when used on substrates containing plasticizers.

Part Numbers and Dimensions

Part Number	Dimensions lenght (m) x width (mm)
42-020-0006	33 x 6 +/- 6%
42-020-0009	33 x 9 +/- 6%
42-020-0012	33 x 12.7 +/- 6%
42-020-0016	33 x 16 +/- 6%
42-020-0019	33 x 19 +/- 6%
42-020-0025	33 x 25 +/- 6%
42-020-0038	33 x 38 +/- 6%
42-020-0050	33 x 50 +/- 6%