

MaterialOne

บริษัท แมททีเรียลวัน(ประเทศไทย) จำกัด
MaterialOne (Thailand) Ltd.

PRODCUTS OVERVIEW

MT PI60ESD 1Mil ESD Kapton tape(Polyimide) is made from Kapton HN polyimide film with silicone adhesive.

Product Features

- RoHS compliant.
- Silicone adhesive removes cleanly from many surfaces.
- Thin and conformable enabling masking of uneven surface.
- It shows unique and extremely low electrostatic discharge properties.
- It provides high temperature, chemical and abrasion resistance.

Application Ideas.

- Mask for PCB during wave solder or solder dip process.
- Release surface in fabrication of parts cured at elevated temperatures.

Physical Properties	
Backing	Polyimide Film
Adhesive Type	Silicone
Thickness of Backing	1mil (0.025mm)
Total Thickness	2.36mil (0.060 mm)
Adhesion to Steel	22 oz./in. (24N/100 mm)
Tensile Strength	30 lbs./in. (525N/100 mm)
Elongation	55%
Dielectric Strength	7000 volts
Temperature Use Range	-100°to 500°F (-73°to 260°C)
Static Charge:measured at 50% RH,70°F(21°C) in an ESD controlled environment	Removal from roll: <150volts Removal from PWB: <50volts
Resistance to acids, oils, solvents	Excellent

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