

HPM Series

1 MIL POLYESTER FILM/RUBBER ADHESIVE

HPP Performance HPPSTIK HPM-Series (1 Mil PET/Rubber Adhesive) are manufactured from polyester film with rubber pressure-sensitive adhesive.

Typical Properties

Product Number	Adhesive Thickness (in.)	Total Thickness (in.)	Adhesion to Steel (oz./in.)	Insulation Class (°C)	Color
HPM54	.0015	.0025	45	130	Yellow
HPM56	.0015	.0025	45	130	Clear
HPM64	.0015	.0025	50	130	Yellow
HPM716	.0011	.0021	18	—	Violet
HPM734	.0006	.0016	6	—	Orange
HPM788	.0005	.0015	5	—	Aqua
HPM797	.002	.003	30	—	Mustard
HPM851	.002	.003	15	—	Green
HPM897	.002	.003	20	—	Olive

Values shown are typical. Certified test reports for writing specifications are available.

Applications—HPM54, HPM56, HPM64

, HPM716, HPM797, HPM851, HPM897: offer an economical method to hold, insulate and/or protect various materials. HPM54, HPM56, HPM64: are often used in critical capacitor and coil applications.

.HPM716: is used as a fume protection tape for the manufacturing of printed circuit boards and designed to be used in conjunction with HPM717, HPM737, HPM803 and HPM849. HPM734, HPM788: are created for use in multi-layer printed circuit boards manufacturing as an area mask tape.

Features/Benefits—HPM54,56: can meet MIL-I-15126 MFT Type 2.5 specifications. HPM56: makes easy to apply electrical insulation and can meet UL Guide O ANZ2, File E51201 specifications. M64: is designed to be non-corrosive with excellent dielectric and insulation resistance qualities and makes easy to apply electrical insulation. It is manufactured with non-halogen containing materials. capable of meeting UL Guide O ANZ2, File E51201 and MIL-I-15126F-MFT Type 2.5 specifications. CSA Std. C22.2 Class 9052.30. HPM716: protects circuitry from chemical splashes and fumes. HPM734, HPM788: offer no build-up of adhesion properties after processing. HPM797 : resists high temperatures of conformal coating operation, is HPM851: is designed to use as a flash mask protection tape in metal or composite bonding. HPM897: features a highly cross-linked pressure sensitive silicone adhesive system that eliminates adhesive legging and transfer in application and high-tack adhesive system offers masking protection.

The thermosetting rubber adhesive system offers excellent quick-stick properties and flag resistance,

yet unwinds easily. The polyester backing resists

damage from sharp edges. Polyester backings offer low-cost, effective holding for materials. Operating temperature is 0 to 325°F, elongation % at break is 100, tensile strength is 25 lbs./in. and

dielectric strength is 5000 volts. M897 has an operating temperature of 0 to 350°F, and ESD controlled static charge of <50 for removal from

roll and board.

Availability—HPM54,64: are in master log form 72 yards long and 37" wide. M56, M797: are in master log form 72 yards long and 38" wide. HPM851, 897: is in master log form 72 yards long and 24" wide. All rolls can be slit 1/2" wide through master log width. HPM716: is in slit roll form. Standard roll length is 144 yards and widths are 1/2", 1", 1-1/2", 2" and 2-1/2". Use jumbo roll form for rewinding slitting. Special widths are available upon request. HPM734, HPM788: factory stock is manufactured 36" and 42" wide. It is re-rolled into 144 yard long master rolls for single knife slitting to make slit rolls from 1/2" wide through full width. HPM54, HPM56, HPM64, HPM716, HPM897: are available with or without a liner.

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