

HPM Series

1 MIL POLYESTER FILM/SILICONE ADHESIVE

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

Typical Properties

Product Number	Adhesive Thickness (in.)	Total Thickness (in.)	Adhesion to Steel (oz./in.)	Insulation Class (°C)	Color
HPM50	.0015	.0025	25	130	White
HPM52	.0015	.0025	30	130	Clear
HPM717	.0028	.0038	30	—	Red
HPM741	.002	.003	25	—	Blue
HPM746	.0008	.0018	13	—	Red, Blue, Clear
HPM751	.002	.003	25	—	Yellow
HPM758	.0015	.0025	25	130	Black
HPM803	.002	.003	25	—	Blue
HPM815	.002	.003	30	—	Clear
HPM823	.0018	.0028	30	—	Blue
HPM824	.0015	.0025	30	—	Blue

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

Applications—HPM746: is designed to have lower tack and adhesion than standard silicone adhesive tapes. HPM751, HPM815, HPM823; HPM824, -827 is designed as a quick-stick polyester splicing tape most often used in the graphic arts industry. HPM50, -52, -66, -717, -741, -751, -758, -803: ALL offer an economical method to hold, insulate and/or protect materials. Features/Benefits—HPM66: offers easy electrical insulation. HPM717: offers a chemically resistant barrier. HPM746: can be easily removed without leaving residue. HPM50, HPM52, HPM758, HPM803: offer excellent high/low temperature resistance. HPM751: is used in manufacturing of label, decal and pressure-sensitive materials HPM803: is a protective circuit board masking tape. HPM741, HPM751, HPM824, HPM827: offer superior bonding to wide variety of treated papers, films and foils with its excellent quick-stick properties. HPM823, HPM824: are recommended for all splicing applications including oven splicings where good

wet-out capabilities are critical. HPM815, HPM827: are recommended for all splicing applications that do not see high temperatures. Polyester backing resists damage from sharp edges. The polyester backing/silicone adhesive combination is highly conformable. Operating temperature is -100 to 350°F, elongation % at break is 100, tensile strength is 25 lbs./in. and dielectric strength is 5000 volts. Availability—HPM52, HPM66, HPM741: are in master log form 72 yards long and 37" wide. HPM717, HPM803: are in slit roll form. Standard roll widths are 1", 1-1/2" and 2-1/2." Custom widths available upon request. HPM815, HPM824: are in master log form 72 yards long and 38" wide. HPM50, HPM746, HPM751, HPM823, HPM827: are in master log form 72 yards long and 24" wide. All rolls can be slit 1/2" wide through master log width. HPM717, HPM741, HPM751, HPM815, HPM823, HPM824, HPM827: are available with or without a liner.

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