

# HPM Series

## 2 MIL POLYESTER FILM/SILICONE ADHESIVE

HPP Performance HPPSTIK HPM-Series (2.0 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
HPM832	.0015	.0035	35	130	Blue
HPM887	.0015	.0035	40	130	Emerald

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

**Applications**—HPM832: is designed as a quick-stick polyester splicing tape most often used in the graphic arts industry. HPM887: has proven to function in demanding powder-coating applications up to 425°F where other protection tapes fail.

**Features/Benefits**—The 2.0 mil polyester backing offers high tensile strength, and the 1.5 mil cured silicone adhesive offers a high temperature adhesive system that does not transfer in application. Polyester tape is a cost-effective flash masking. Polyester backing resists damage and doesn't mar parts or tools. The polyester backing/silicone adhesive combination is highly conformable. HPM832: offers superior bonding to a wide variety of treated papers, films and foils, and has a super quick-stick silicone adhesive system. It is recommended for all splicing applications, including in oven splices where good wet out capabilities are critical. HPM832: features include high-temperature resistant silicone adhesive coated onto polyester film for increased temperature, tear and cut-through resistance. The highly cross-linked pressure sensitive silicone adhesive system is anchored to the polyester film in a process that eliminates adhesive legging and transfer in application. The high tack adhesive system offers masking protection and is

compatible with numerous surface materials. HPM887: removes from substrates without adhesive transfer or residue and is resistant to corrosive chemicals and is tear and break resistant. Operating temperature is -100 to 350°F and dielectric strength is 6000 volts. Elongation % at break for 2 mil is 120, and tensile strength is 50 lbs./in.

#### Availability

HPM832: is in master log form 72 yards long x 38 inches wide. HPM887: is provided in full case quantities only. Case quantity is equal to 36" width of material. Roll length is 72 yards. HPM887: rolls can be slit 1/2" wide through 36" wide. HPM832 and HPM887: rolls can be slit 1/2" wide through full log width. HPM832 and HPM887: are available with or without a liner.

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#### Limited Warranty:

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