

M Series

2 MIL POLYESTER FILM/SILICONE ADHESIVE

Saint-Gobain Performance Plastics CHR® M-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
M832	.0015	.0035	35	130	Blue
M887	.0015	.0035	40	130	Emerald

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

Applications—M832: is designed as a quick-stick polyester splicing tape most often used in the graphic arts industry. **M887:** 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. **M832:** 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. **M832:** 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.

M887: 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—M832: is in master log form 72 yards long x 38 inches wide. **M887:** is provided in full case quantities only. Case quantity is equal to 36" width of material. Roll length is 72 yards. **M887:** rolls can be slit 1/2" wide through 36" wide. **M832** and **M887:** rolls can be slit 1/2" wide through full log width. **M832** and **M887:** are available with or without a liner.

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Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s). SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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