

# M Series

## 2 MIL POLYESTER FILM/SILICONE ADHESIVE

Saint-Gobain Performance Plastics M-Series (2.0 Mil PET/Silicone Adhesive) are manufactured from polyester film with silicone pressure-sensitive adhesive.

### Typical Properties

Product Number	Adhesive Thickness (mm)	Total Thickness (mm)	Adhesion to Steel (N/cm)	Insulation Class (°C)	Colour
M98	0.038	0.089	2.0	130	Blue
M832	0.038	0.089	3.8	130	Blue
M887	0.038	0.089	4.4	130	Blue

**Applications—M98:** is designed to work as an all-purpose high-temperature adhesive flash and tool masking tape. This tape is also used for positioning and holding materials within the hold up and sealing vacuum bags. **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 204°C where other protection tapes fail.

**Features/Benefits—**The 0.051mm polyester backing offers high tensile strength, and the 0.038mm 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 mark parts or tools. The polyester backing/silicone adhesive combination is highly conformable. **M98:** high temperature cured silicone adhesive removes cleanly. **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 -73 to +177°C and dielectric strength is 6000 volts. Elongation % at break for 0.051mm is 120, and tensile strength is 88 N/cm.

**Availability—M98:** is in master log form 66m x 610mm wide. **M832:** is in master log form 66m x 965mm wide. **M887:** is provided in full case quantities only. Case quantity is equal to 914mm width of material. Roll length is 66m. **M887:** rolls can be slit from 12.7mm to 914mm wide. **M832** and **M887:** rolls can be slit 12.7mm wide through full log width. **M832** and **M887:** are available with or without a liner.

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