

CHR[®] M SERIES

2 Mil Polyester, Silicone Adhesive Tape

CHR M-Series (2.0 Mil PET/Silicone Adhesive) is manufactured by **Saint-Gobain**[®] Performance Plastics Corporation, Tape Solutions business, and comes with polyester film with silicone pressure-sensitive adhesive.

Features/Benefits

The 0.051 mm polyester backing offers high tensile strength, and the 0.038 mm 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. 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.

Availability

M832 is in master log form 66 m × 965 mm (72 yd × 38 in) wide. M887 is in master log form 66 m × 991 mm (72 yd × 39 in) wide. M832 and M887 rolls can be slit 12.7 mm (0.5 in) wide through full log width. M832 is available with or without a liner.

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 204°C where other protection tapes fail.



CHR M Series 2 Mil Polyester Silicone Adhesive Tape Properties

Performance tests are run using standard test procedures.

The values presented are typical values and should not be used for specification purposes.

| Product Number | M832 | M887 |
|--------------------------------|-------------------------------|-------------------------------|
| Adhesive Type | Silicone | Silicone |
| Total Thickness mm (mil) | 0.089 (3.5) | 0.089 (3.5) |
| Adhesive Thickness mm (mil) | 0.038 (1.5) | 0.038 (1.5) |
| Adhesion to Steel N/cm (oz/in) | 3.8 (35) | 4.4 (40) |
| Tensile Strength N/cm (lb/in) | 88 (50) | 88 (50) |
| Elongation (% at break) | 120 | 120 |
| Dielectric Strength (volts) | 6,000 | 6,000 |
| Operating Temperature °C (°F) | -73 to +177 (-100 to +350) | -73 to +177 (-100 to +350) |
| Insulation Class (°C) | 130 | 130 |
| Colour | Blue | Emerald |

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