

CHR[®] M SERIES

1 Mil Polyester, Acrylic Adhesive Tape

CHR M-Series (1 Mil PET/Acrylic adhesive) is manufactured by **Saint-Gobain**[®] Performance Plastics Corporation, Tape Solutions business, and comes with polyester film with acrylic pressure-sensitive adhesive.

Features/Benefits

M60, M69, M97, M705, M706, and M765 are intended to have excellent flagging resistance and good conformability. They have compatible adhesive and release coating for excellent printability, whether on roll or a finished component. Also, they have excellent solvent and oil resistance, and adhesive can be thermoset to increase adhesion and solvent resistance. The tapes are clean cutting with no separation and are capable of meeting MIL-I-15126F-MFT Type 2.5 specifications, which is superseded by A-A-59770A Type 5 and 6 specification. M97 and M765 meet CSA standard C22.2 Class 9052.30. Operating temperature is -29 to +163°C (-20 to +325°F), elongation % at break is 100, tensile strength is 44 N/cm (25 lb/in) and dielectric strength is 5,000 volts.

Availability

Factory stock for all products is in master log form 66 m × 965 mm (72 yd × 38 in) wide. All rolls can be slit 12.7 mm (0.5 in) wide through to master log width. All available with or without a liner.

Applications

M60, M69, M97, M705, M706 and M765 offer an economical method to hold, insulate and/or protect various materials. M706 and M765 are designed to be a flame retardant, printable capacitor tape.



CHR M Series 1 Mil Polyester Acrylic 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	M60	M69*	M97	M705	M706	M765
Adhesive Thickness mm (mil)	0.038 (1.5)	0.038 / 0.038 (1.5 / 1.5)	0.038 (1.5)	0.038 (1.5)	0.038 (1.5)	0.038 (1.5)
Total Thickness mm (mil)	0.064 (2.5)	0.102 (4.0)	0.064 (2.5)	0.064 (2.5)	0.064 (2.5)	0.064 (2.5)
Adhesion to Steel N/cm (oz/in)	3.3 (30)	3.3 (30)	3.3 (30)	3.3 (30)	3.3 (30)	3.3 (30)
Insulation Class (°C)	130	130	130	130	130	130
Colour	Clear	Clear	Yellow	Black	White	White

*M69 is a two-sided adhesive coated product.

IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain assumes no responsibility for any product failures that occur due to your actions or inactions, including your use, design, fabrication or application of the products into which the materials are incorporated.

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