



CHR[®] TAPE

CHR[®] M Series

Specialized for Extreme Conditions

1 Mil Polyester, Silicone Adhesive Tape

CHR[®] M-Series (1 Mil PET/Silicone Adhesive) is manufactured from polyester film with silicone pressure-sensitive adhesive.

Features/Benefits

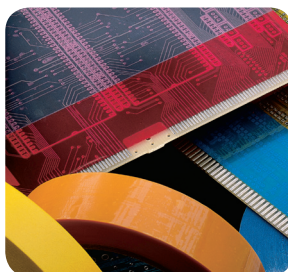
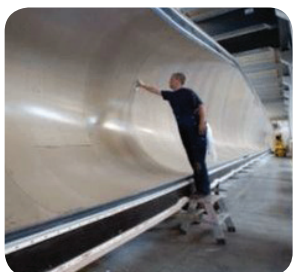
M66 offers easy electrical insulation. M717 offers a chemically resistant barrier. M746 can be easily removed without leaving residue. M50, M52, M758 and M803 offer excellent high/low temperature resistance. M751 is used in manufacturing of label, decal and pressure-sensitive materials. M803 is a protective circuit board masking tape. M741, M751 and M824 offer superior bonding to wide variety of treated papers, films and foils with their excellent quick-stick properties. M823 and M824 are recommended for all splicing applications including oven splicings where good wet-out capabilities are critical. M815 is recommended for all splicing applications that do not see high temperatures. Polyester backing resists damage from sharp edges. The polyester backing/silicone adhesive combination is highly conformable. Operating temperature is -73 to +177 °C, elongation % at break is 100, tensile strength is 44 N/cm and dielectric strength is 5,000 volts.

Availability

All designs except M746 are in master log form 66 m x 965 mm wide. M746 in master log form 66 m x 483 mm wide. Standard roll widths are 25.4 mm, 38.1 mm and 63.5 mm. Custom widths are available upon request. All rolls can be slit from 12.7 mm to master log width. M717, M741, M751, M815, M823 and M824 are available with or without a liner.

Applications

M746 is designed to have lower tack and adhesion than standard silicone adhesive tapes. M751, M815, M823 and M824 are designed as a quick-stick polyester splicing tape most often used in the graphic arts industry. M50, M52, M66, M717, M741, M75, M758 and M803 offer an economical method to hold, insulate and/or protect materials.



SAINT-GOBAIN

CHR® M Series 1 Mil Polyester Silicone 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	M50	M52	M66	M717	M741	M746	M751	M758	M803	M815	M823	M824
Adhesive Thickness (mm)	0.038	0.038	0.038	0.071	0.051	0.020	0.051	0.038	0.051	0.051	0.046	0.038
Total Thickness (mm)	0.064	0.064	0.064	0.097	0.076	0.046	0.076	0.064	0.076	0.076	0.071	0.064
Adhesion to Steel (N/cm)	2.7	3.3	2.7	3.3	2.7	1.4	2.7	2.7	2.7	3.3	3.3	3.3
Insulation Class (°C)	130	130	130	130	130	130	130	130	130	130	130	130
Colour	White	Clear	Green	Red	Blue	Red, Blue, Clear	Yellow	Black	Blue	Clear	Blue	Blue

CHR® is a registered trademark.



Saint-Gobain

AMERICAS

Tel: (800) 962-2666
(518) 686-7301

EUROPE

Tel: +44 (0) 1706-746900

ASIA

Tel: (886) 2-2503-4201

www.foamsandtapes.saint-gobain.com

AMERICAS: 14 McCaffrey Street, Hoosick Falls, NY 12090, USA

EUROPE: Bay 3 Transpennine Industrial Estate, Gorrels Way, Rochdale, OL11 2PX, UK

ASIA: Room 302,3F-1, 147 Jianguo North Road, Section 2, Taipei, Taiwan, 104

The data and details in this document were correct and up-to-date at the time of printing and are intended to provide information on our products and their possible applications. It is the user's responsibility to obtain the latest version of the product data sheet. This data sheet is not a specification and does not assure specific product characteristics or make reference to the suitability of the product for a specific application. Because Saint-Gobain cannot anticipate or control every application, we strongly recommend testing of this product under individual application conditions. The application, use and conversion of this product are the user's responsibility.

Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics 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.

NOTE: Saint-Gobain Performance Plastics Corporation does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or of any final product into which the product(s) may be incorporated by the purchaser and/or user. The purchaser and/or user should perform their own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.

MSeries_1Mil_Silicone-EN-CHREU-RR-1605

©2016 Saint-Gobain Performance Plastics