

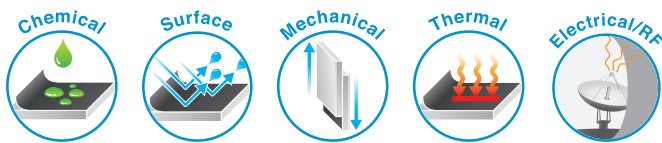
CHEMFILM® 0100 Skived Premium PTFE films are manufactured from high quality, virgin PTFE resins which are molded into billets, sintered and skived to the required thickness with extremely tight tolerance control. State of the art quality systems of the manufacturing site including compliance to ISO 9001 and IATF 16949 certifications provide consistent and extremely reliable film quality.

Features

- Width: Standard 1.200 mm, max. up to 1.700 mm
- Thickness: 0.0125 up to 3 mm (0.5 mil up to 0.12")
- Temperature: -200 °C to +260 °C
- Color: White
- Tensile strength: ≥ 25 N/mm²
- Elongation: ≥ 280 %
- Typical yield for 0.1 mm film: 0.23 m²/kg
- Roll lengths dependent on film thickness
e.g. 0.1 mm: ~1500 lm

Benefits

- Bondable versions available
- Extremely stable at wide range of temperatures
- Non-stick, easy release film
- Low coefficient of friction
- High insulation and dielectric properties
- Outstanding chemical resistance - inert and unaffected by most chemicals except alkali metals
- Extremely tight tolerances



Regulations / Conformities

- FDA 21 CFR 177.1550
- (EC) No 1935/2004
- (EU) No 10/2011
- (EC) No 23/2006 (GMP)
- USP Class VI
- 3-A Sanitary Standard
- (EC) No 1907/2006 (REACH)
- 2011/65/EU (RoHS)

Applications

- Release materials for electronics
- Food baking and grilling
- Chemical barriers
- Electrical insulation
- Low-friction (anti-squeak) especially in automotive applications
- Protection and insulation in:
 - High frequency circuit boards
 - Wire and cable especially for high temperature and sensitive equipment
- Septa, cap and storage tank liners
- Gas and liquid tight barrier in compensators, expansion joints and bellows

Did you know?

Saint-Gobain has been producing skived films since 1957 and now manufactures in 4 different sites

www.films.saint-gobain.com

Saint-Gobain Performance Plastics

EUROPE

Am Nordkanal 37
47877 Willich
Germany
Tel: +49 (0) 2154 60 238

AMERICAS

14 McCaffrey Street
Hoosick Falls, NY 12090
USA
Tel: +1 800 962-2666

ASIA

7 Floor, Bund Center
222 Yan'an Road East
Shanghai 200002, China
Tel: +86 21-63617753

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).

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 its own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.

CHEMFILM® is a registered trademark ©2018 Saint-Gobain Performance Plastics Corporation
Valid 08/2018 • Supersedes all previous versions

