

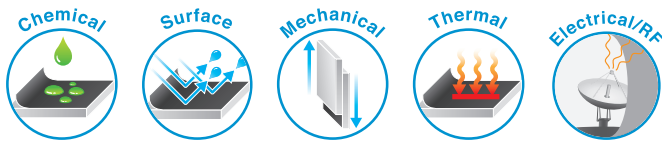
CHEMFILM® 0100 Skived Premium PTFE films are manufactured from high quality, virgin PTFE resins which are molded into billets, sintered and skived to the required thickness with extremely tight tolerance control. State of the art quality systems of the manufacturing site including compliance to ISO 9001 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:  $\geq 25$  N/mm<sup>2</sup>
- Elongation:  $\geq 280$  %
- Typical yield for 0.1 mm film: 0.23 m<sup>2</sup>/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](http://www.films.saint-gobain.com)

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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).

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