

CHEMFILM® 0200 Skived Modified PTFE films are manufactured from high quality 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: ≥ 400 %
- Typical yield for 0.1 mm film: 0.23 m²/kg
- Roll lengths dependent on film thickness
e.g. 0.1 mm: ~800 lm

Benefits

- Improved properties for dynamic load applications
- Better cold flow and flex life behavior
- Weldable
- Lower permeability
- 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

- Diaphragms
- 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

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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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