DF1700 and DF1900

CHEMFILM® DF1700 and **DF1900** are heat bondable multilayer cast fluoropolymer films produced using a proprietary process. These films have a PTFE core with a thin layer of FEP or PFA on one surface. Double bondable (DB) films are also available with PFA on both surfaces or FEP on one surface and PFA on the other surface. Laser markable (LM) films are also available.

FEATURES BENEFITS

Cast Film • Thin gauge PTFE film

• Uniform tensile properties in both machine and traverse direction

• Isotropic shrinkage as a function of temperature

Multilayer
High degree of consolidation resulting in superior dielectric performance

• Different polymers, pigments and additives can be used in individual layers to customize performance

layers to customize performance

· Heat bondable surface can be sealed onto itself; PTFE, PFA, or FEP

Fluoropolymer • Superior performance in a wide range of chemical, thermal and electrical

environments

Slitting • Available in slit widths to 1", supplied in pad rolls; minimum quantities apply

Typical Properties

4,300 400 60,000 +500°F, -400°F +260°C, -188°C
400 60,000 +500°F, -400°F
60,000 +500°F, -400°F
+500°F, -400°F
+260°C188°C
,
2.0
<0.0001
1 x 10 ¹⁸
>10 ¹⁵
4,200
Does not arc
DF1900
1.0-5.0
0
On request

Values shown are typical. Certified test reports for writing specifications are available.

The data listed herein fall within the normal range of product properties for the products described, but they should not be used to establish specification limits nor used alone as the basis of design. Saint-Gobain assumes no obligation or liability for any advice furnished by it or for results obtained with respect to these products. All such advice is provided gratis and Buyer assumes sole responsibility for results obtained in reliance thereon. Saint-Gobain warrants that the material itself does not infringe any United States patent, but no license is implied nor is any further warranty made.

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

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