

Fiberglass Fabric with Soft PTFE Coating Gasket Fabric 550°F / 287°C: High Temperature Heat & Chemical Resistance



Fiberglass base fabric with soft PTFE Coating

This fabric offers the advantage of a non-asbestos material with higher temperature range and with excellent resistance to almost all solvents, caustics and acids.

The base fabric is rated to 1000°F / 537°C.

PTFE melting point is 620°F / 327°C.

This fabric is a dull white color.

Excellent gasket material for its conformability and sealing against gas and liquids.

High Temperature, Heat & Chemical Resistance Fiberglass Fabric with soft PTFE Coating			
Part Number	Weight oz/yd ²	Roll Width In / cm	Thickness In / mm
F-FG-PTFE-6040-24N	24	40 / 101	.060 / 1.52
F-FG-PTFE-6060-24W	24	60 / 152	.060 / 1.52
F-FG-PTFE-6540-30N	30	40 / 101	.065 / 1.65
F-FG-PTFE-6560-30W	30	60 / 152	.065 / 1.65
F-FG-PTFE-7540-36N	36	40 / 101	.075 / 1.91
F-FG-PTFE-7540-36W	36	60 / 152	.075 / 1.91
F-FG-PTFE-9040-40N	40	40 / 101	.090 / 2.29
F-FG-PTFE-9060-40W	40	60 / 152	.090 / 2.29
F-FG-PTFE-12540-64N	64	40 / 101	.125 / 3.18
F-FG-PTFE-12560-64W	64	60 / 152	.125 / 3.18

Roll length is 50 yards / 45 Metres. Please call for pricing on fabric with PSA

Heavier weight fabric may be in 25 yard / 22.5 Metre roll lengths

Example: 12560-64N is 177 pounds / 25 yard roll

This Product is Available By-The-Yard: Discounts for full roll purchases

The PTFE is applied to the rope by a proprietary sinterization process. The rope is soaked repeatedly in a PTFE dispersion, dried, and then baked. The result is a PTFE coating on the rope which is soft, robust and flexible; however, it can be abrasively removed from the rope with aggressive fingernail scraping, resulting in a thinner and thinner layer of ptfе remaining with each pass. The PTFE also causes the yarns to be sealed and the small gaps between the yarns filled, resulting in an almost air-tight / liquid-tight rope.

Fiberglass Fabric with PTFE Resin Impregnation and Self Adhesive Backing - Premium Grade

550°F / 287°C: High Temperature Heat & Chemical Resistance DeltaGlass™



- PTFE Resin Impregnation.
- Silicone or Acrylic Adhesive with backing paper
- Roll width is 38". May be slit to narrower widths.

This fabric offers higher temperature range with excellent resistance to almost all solvents, caustics and acids. Very smooth and non-porous PTFE finish. High Temperature self adhesive backing with peel-off protection layer to reveal the adhesive. Will not cold flow under heavy loads.

The base fabric is rated to 1000°F / 537°C. PTFE melting point is 620°F / 327°C. Useable to -100F

Used in packaging as a release surface on heat sealers, blister and form-fill sealing equipment. Also used as a lining on guide rails, chutes and slides.

550°F / 287°C continuous rating for silicone adhesive version; 350°F / 176°C for acrylic version, high dielectric insulation value

High Temperature, Heat & Chemical Resistance DeltaGlass™ Fabric with PTFE Impregnation and Silicone Self Adhesive - Premium Grade			
550°F / 287°C continuous rating			
Part Number	Total Thickness incl adhesive, in.	Fabric with Coating Thickness, in.	Adhesion to steel oz/in
F-FG-PTFE-RI-P-PSA-S-003039	.0052	.0030	40
F-FG-PTFE-RI-P-PSA-S-005039	.0070	.0050	50
F-FG-PTFE-RI-P-PSA-S-006039	.0080	.0060	50
F-FG-PTFE-RI-P-PSA-S-010039	.0120	.0100	60
Tensile Strength Warp / Fill (lbs/in)	Silicone: .003: 95 / 55. .005: 140 / 130. .006: 150 / 115. .010: 325 / 235		
Tear Strength Warp / Fill (lbs)	Silicone: .003: 1.5 / 0.9. .005: 2.2 / 1.7. .006: 2.1 / 1.8. .010: 7.5 / 4.0		

- Silicone Adhesive Thickness is .0022". Elongation at break is less than 5%.
- Roll length is 36 yards. 18 yard rolls are available at -30% of the price shown.
- Available in Industrial and Premium grades. Premium grade has an almost perfectly smooth surface while on Industrial grade the surface profile follows the weave pattern of the underlying base fabric.

This Product is Available By-The-Yard: Discounts for full roll purchases

Fiberglass Fabric with PTFE Resin Impregnation and Self Adhesive Backing - Premium Grade (Continued)
550°F / 287°C: High Temperature Heat & Chemical Resistance DeltaGlass™



High Temperature, Heat & Chemical Resistance DeltaGlass™ Fabric with PTFE Impregnation and Acrylic Self Adhesive - Premium Grade 350°F / 176°C Continuous rating			
Part Number	Total Thickness incl adhesive, in.	Fabric with Coating Thickness, in.	Adhesion to steel oz/in
F-FG-PTFE-RI-P-PSA-A-003039	.0050	.0030	45
F-FG-PTFE-RI-P-PSA-A-005039-	.0072	.0051	60
F-FG-PTFE-RI-P-PSA-A-006039	.0082	.0062	70
F-FG-PTFE-RI-P-PSA-A-010039	.0120	.0100	80
Tensile Strength Warp / Fill (lbs/in)	Acrylic: .003: 95 / 55. .005: 125 / 130. .006: 150 / 150. .010: 325 / 235		
Tear Strength Warp / Fill (lbs)	Acrylic: .003: 1.5 / 0.9. .005: 1.8 / 1.7. .006: 2.1 / 1.7. .010: 7.5 / 4.0		

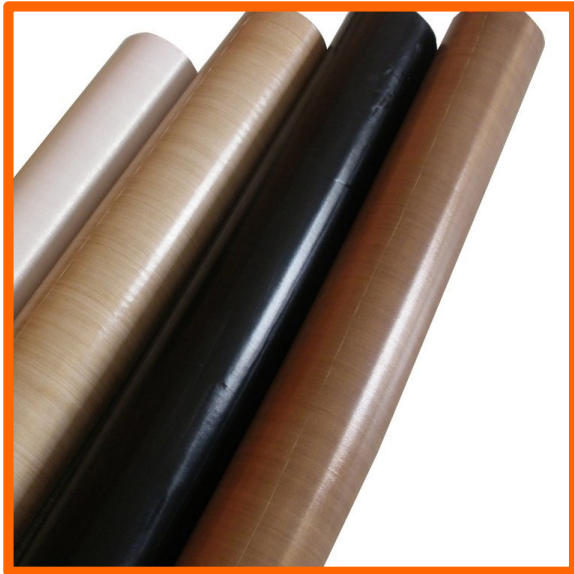
- Elongation at break is less than 5%.
- Roll length is 36 yards. 18 yard rolls are available at -30% of the price shown.
- Available in Industrial and Premium grades. Premium grade has an almost perfectly smooth surface while on Industrial grade the surface profile follows the weave pattern of the underlying base fabric.

This Product is Available By-The-Yard: Discounts for full roll purchases

The PTFE resin is applied to the fabric in a hot process and under pressure, causing a total impregnation of the base fabric. The surface of the resin is smooth and it takes considerable and aggressive force to scratch the PTFE surface to remove it from the fabric with fingernail scraping.

Fiberglass Fabric with PTFE Resin Impregnation and Self Adhesive Backing - Industrial Grade

550°F / 287°C: High Temperature Heat & Chemical Resistance DeltaGlass™



- PTFE Resin Impregnation.
- Silicone or Acrylic Adhesive with backing paper
- Roll width is 39". May be slit to narrower widths.

This fabric offers higher temperature range with excellent resistance to almost all solvents, caustics and acids. Very smooth and non-porous PTFE finish. High Temperature self adhesive backing with peel-off protection layer to reveal the adhesive. Will not cold flow under heavy loads.

The base fabric is rated to 1000°F / 537°C. PTFE melting point is 620°F / 327°C.

Used in packaging as a release surface on heat sealers, blister and form-fill sealing equipment. Also used as a lining on guide rails, chutes and slides.

550°F / 287°C continuous rating, high dielectric insulation value

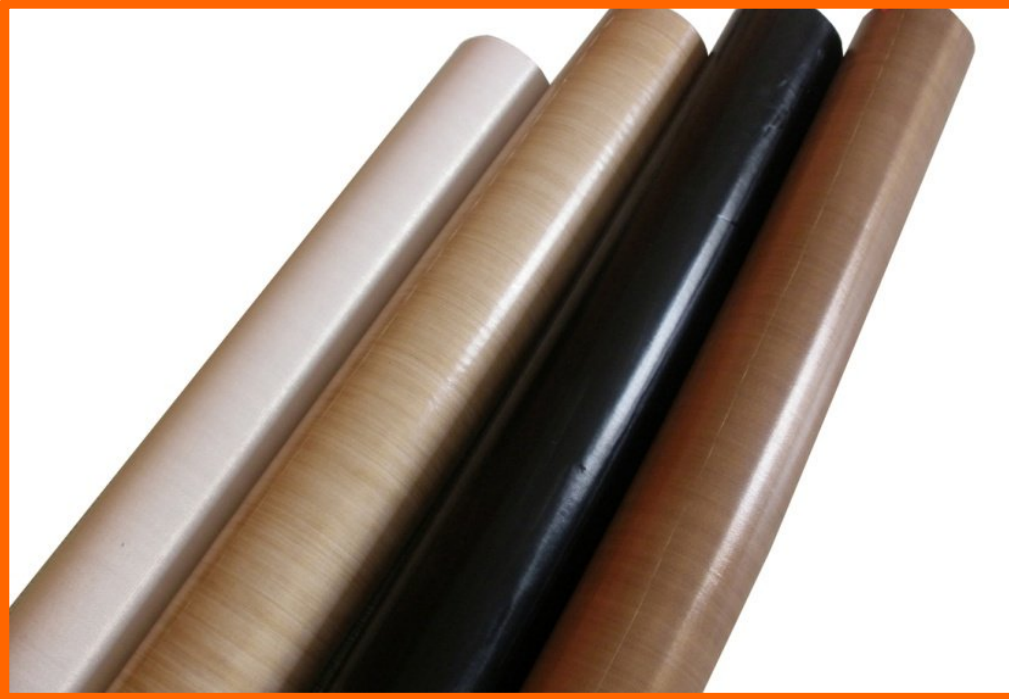
High Temperature, Heat & Chemical Resistance DeltaGlass™ Fabric with PTFE Impregnation and Self Adhesive - Industrial			
Part Number	Total Thickness incl adhesive, in.	Fabric with Coating Thickness, in.	Adhesion to steel oz/in
F-FG-PTRI-I-PSA-004739-X	.0047	.0030	45
F-FG-PTRI-I-PSA-006739-X	.0067	.0050	55
F-FG-PTRI-I-PSA-007739-X	.0077	.0060	55
F-FG-PTRI-I-PSA-017739-X	.0177	.0100	60
F-FG-PTRI-I-PSA-015739-X	.0157	.0140	65
Tensile Strength Warp / Fill (lbs/in)	Silicone: .003: 100 / 50. .005: 135 / 120. .006: 150 / 140. .010: 325 / 235. .014: 440 / 250 Acrylic: .003: 90 / 50. .005: 135 / 120. .006: 150 / 140. .010: 250 / 155. .014: 440 / 250		
Tear Strength Warp / Fill (lbs)	Silicone: .003: 1.7 / 0.9. .005: 2.3 / 1.5. .006: 2.0 / 1.5. .010: 4.9 / 3.0. .014: 7.0 / 5.0 Acrylic: .003: 1.7 / 0.9. .005: 1.8 / 1.5. .006: 2.0 / 1.5. .010: 6.0 / 3.0. .014: 7.0 / 5.0		

- Adhesive Thickness is .0017 on all products. Elongation at break is less than 5%.
- Roll length is 36 yards. 18 yard rolls are available at -30% of the price shown.
- Available in Industrial and Premium grades. Premium grade has an almost perfectly smooth surface while on Industrial grade the surface profile follows the weave pattern of the underlying base fabric.
- For the "X" value specify "A" or "S" in the part number to correspond to the desired adhesive. A = Acrylic S = Silicone.

This Product is Available By-The-Yard: Discounts for full roll purchases

The PTFE resin is applied to the fabric in a hot process and under pressure, causing a total impregnation of the base fabric. The surface of the resin is smooth and it takes considerable and aggressive force to scratch the ptfе surface to remove it from the fabric with fingernail scraping.

Fiberglass Fabric with PTFE Resin Impregnation
FDA Compliant - 21CFR177.1550 for direct food contact
500°F / 260°C: High Temperature Heat & Chemical Resistance DeltaGlass™



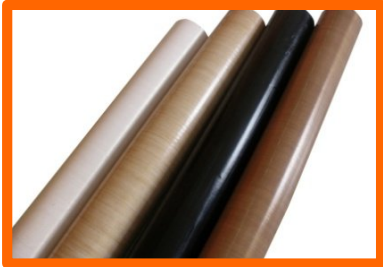
- Meets FDA 21CFR177.1550 for direct food contact - popular for pan liners and conveyors for baking applications.
- PTFE Resin Impregnation.
- May be slit to narrower widths.

This fabric offers higher temperature range with excellent resistance to almost all solvents, caustics and acids. Very smooth and non-porous PTFE finish.

The base fabric is rated to 1000°F / 537°C. PTFE melting point is 620°F / 327°C.

Used in packaging as a release surface on heat sealers, blister and form-fill sealing equipment. Also used as a lining on guide rails, chutes and slides.

Fiberglass Fabric with PTFE Resin Impregnation (Continued)
FDA Compliant - 21CFR177.1550 for direct food contact
500°F / 260°C: High Temperature Heat & Chemical Resistance DeltaGlass™



500°F / 260°C continuous rating

High Temperature, Heat & Chemical Resistance DeltaGlass™ Fabric with PTFE Impregnation – FDA Compliant					
Part Number	Overall Thickness, in.	Tensile warp/fill lbs/yd²	Available width, in.	Weight oz/yd²	Dielectric volts/mil
Premium Grade – Superior fabric for pan liners and belts for food processing Highest PTFE-to-substrate ratio / Superior release and extended life					
F-FG-PT-FDA-P-0029XX-4.2	.0029	105 / 75	38, 50, 60	4.2	1350
F-FG-PT-FDA-P-0049XX-8	.0049	170 / 160	40, 50, 60	8	1100
F-FG-PT-FDA-P-0060XX-9.4	.0060	175 / 160	40, 50, 60	9.4	1200
F-FG-PT-FDA-P-0095XX-16	.0095	325 / 180	37.5, 50	16	850
F-FG-PT-FDA-P-009560-16	.0095	325 / 180	60	16	850
F-FG-PT-FDA-P-010544-17	.0105	300 / 175	44	17	700
F-FG-PT-FDA-P-014037-23	.0140	450 / 275	37.5	23	550
F-FG-PT-FDA-P-0250110-32	.0250	410 / 600	110	32	225
Standard Grade – Release sheet applications for heat sealing & laminating Smooth surface with superior non-stick properties / economical					
F-FG-PT-FDA-S-0026XX-3.8	.0026	100 / 75	38, 50, 60	3.8	1350
F-FG-PT-FDA-S-003638-5.6	.0036	150 / 75	38	5.6	1450
F-FG-PT-FDA-S-0045XX-7	.0045	160 / 150	40, 50, 60	7	1000
F-FG-PT-FDA-S-0055XX-9	.0055	170 / 165	40, 50, 60	9	1200
F-FG-PT-FDA-S-0090XX-15	.0090	310 / 175	37.5, 50, 60	14.	810
F-FG-PT-FDA-S-013537-22	.0135	500 / 300	37	22	550
F-FG-PT-FDA-S-0245XX-28	.0245	425 / 500	110, 189	28	210

- Roll length is 36 yards. 18 yard rolls are available at -30% of the price shown.
- For "XX", specify applicable roll width from table

This Product is Available By-The-Yard: Discounts for full roll purchases

The PTFE resin is applied to the fabric in a hot process and under pressure, causing a total impregnation of the base fabric. The surface of the resin is smooth and it takes considerable and aggressive force to scratch the PTFE surface to remove it from the fabric with fingernail scraping. The surface is smooth and does not take on any patterning from the substrate fabric.

Fiberglass Fabric with PTFE Resin Impregnation – Black Color Also available as Anti-Static / Conductive

500°F / 260°C: High Temperature Heat & Chemical Resistance DeltaGlass™



This fabric
is Black

- PTFE resin has been formulated for dark black color.
- PTFE Resin Impregnation.
- May be slit to narrower widths.
- Anti-Static – Conductive version with carbon additive.

This fabric offers higher temperature range with excellent resistance to almost all solvents, caustics and acids. Very smooth and non-porous PTFE finish.

The base fabric is rated to 1000°F / 537°C. PTFE melting point is 620°F / 327°C.

Used in packaging as a release surface on heat sealers, blister and form-fill sealing equipment. Also used as a lining on guide rails, chutes and slides.

Fiberglass Fabric with PTFE Resin Impregnation - Black Color (continued)
Also available as Anti-Static / Conductive
500°F / 260°C: High Temperature Heat & Chemical Resistance DeltaGlass™



500°F / 260°C continuous rating

High Temperature, Heat & Chemical Resistance DeltaGlass™ Fabric with PTFE Impregnation and Black Resin Color Anti-Static / Conductive version available					
Part Number	Overall Thickness, in.	Tensile warp/fill lbs/yd ²	Available width, in.	Weight oz/yd ²	Dielectric volts/mil
Premium Grade					
F-FG-PT-BK-004638-7.2	.0046	170 / 150	38	7.2	800
F-FG-PT-BK-005637-8.8	.0056	180 / 170	37.5	8.8	550
F-FG-PT-BK-0090XX-16	.0090	300 / 190	37.5, 50	14.5	350
F-FG-PT-BK-014080-22	.0250	425 / 325	80	21.7	180
Premium Grade – With Anti-Static / Conductive additive					
F-FG-PT-AS-0090XX-15	.0090	285 / 190	37.5, 50, 60	14.5	N/A
F-FG-PT-AS-014060-21	.0140	475 / 350	60	21	N/A

- Roll length is 36 yards. 18 yard rolls are available at -30% of the price shown.
- For "XX", specify applicable roll width from table

This Product is Available By-The-Yard: Discounts for full roll purchases

The PTFE resin is applied to the fabric in a hot process and under pressure, causing a total impregnation of the base fabric. The surface of the resin is smooth and it takes considerable and aggressive force to scratch the PTFE surface to remove it from the fabric with fingernail scraping. The surface is smooth and does not take on any patterning from the substrate fabric.