

## Fiberglass Tape with PTFE Resin Impregnation, Non- Adhesive

### FDA Food Contact Approved

**500°F / 260°C: Tuff-Flex™ High Temperature & Chemical Resistant with Smooth Non-Stick Surface - Premium Grade**



- This tape is made by slitting our PTFE resin impregnated fiberglass fabric.
- Provides excellent chemical resistance and superior electrical insulation. Used as a low friction release tape for heat sealing bars and other packaging applications.
- Used on various machinery parts to provide a smooth stick-free surface such as on production line runners and guides for easy product and parts conveyance.
- Used as an electrical tape for high insulation and high temperature performance.
- Premium Grade is an exceptionally smooth surface with a higher PTFE content than Industrial Grade.
- Temperature range: -100°F to +500°F (-73°C to +260°C).

### Tuff-Flex™ High Temperature, Heat & Chemical Resistant Fiberglass Tape with PTFE Resin Impregnation: Premium Grade

Part Number	Width in / mm		Price per Roll by Thickness			
			X = 3 .003" Dielectric S = 5 kV / A = 4.5 kV	X = 5 .005" Dielectric S = 7.5 kV / A = 7 kV	X = 6 .006" Dielectric S = 8.5 kV / A = 8.5 kV	X = 10 .010" Dielectric S = 9.5 kV / A = 9 kV
T-FG-PTRI-FDA-P-M013-08-X	.5	13	\$ 28.26 *	\$ 39.71 *	\$ 45.07 *	\$ 53.03 *
T-FG-PTRI-FDA-P-M019-12-X	.75	19	\$ 42.40 *	\$ 59.57 *	\$ 67.61 *	\$ 79.55 *
T-FG-PTRI-FDA-P-M025-16-X	1.0	25	\$ 56.52 *	\$ 79.42 *	\$ 90.14	\$ 106.06
T-FG-PTRI-FDA-P-M032-20-X	1.25	32	\$ 70.66	\$ 99.28	\$ 112.68	\$ 132.58
T-FG-PTRI-FDA-P-M038-24-X	1.5	38	\$ 84.78	\$ 119.12	\$ 135.22	\$ 159.08
T-FG-PTRI-FDA-P-M051-32-X	2.0	51	\$ 113.04	\$ 158.83	\$ 180.29	\$ 212.11
T-FG-PTRI-FDA-P-M064-40-X	2.5	64	\$ 141.30	\$ 198.54	\$ 225.36	\$ 265.14
T-FG-PTRI-FDA-P-M076-48-X	3.0	76	\$ 169.56	\$ 238.25	\$ 270.43	\$ 318.17
Other Widths			\$ 56.52 / in	\$ 79.42 / in	\$ 90.14 / in	\$ 106.06 / in
Tensile Strength Warp / Fill (lbs/in)			95 / 55	140 / 130	150 / 115	325 / 235
Tear Strength Warp / Fill (lbs/in)			1.5 / 0.9	2.2 / 1.7	2.1 / 1.8	7.5 / 4.0

\* NOTE: Minimum order for indicated tapes is 2 rolls Custom slitting available up to a maximum of 36 inches.

- For the "X" value in the part number, use "3" for .003, "5" for .005, "6" for .006, "10" for .010, "14" for .014
- All tapes are 36 yards. 18 yard rolls are available at -30% of the price shown.

The PTFE resin is applied to the base 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 Tape with PTFE Resin Impregnation, Non Adhesive****FDA Food Contact Approved****500°F / 260°C: Tuff-Flex™ High Temperature & Chemical Resistant with Smooth Non-Stick Surface - Industrial Grade**

- This tape is made by slitting our PTFE resin impregnated fiberglass fabric.
- Provides excellent chemical resistance and superior electrical insulation. Used as a low friction release tape for heat sealing and other packaging applications.
- Used on various machinery parts to provide a smooth stick-free surface such as on production line runners and guides for easy product and parts conveyance.
- Used as an electrical tape for high insulation and high temperature performance.
- Industrial Grade is a smooth surface with slight surface texturization (underlying fiberglass weave). Premium Grade is an exceptionally smooth surface with a higher PTFE content than Industrial Grade.
- Temperature range: -100°F to +500°F (-73°C to +260°C).

**Tuff-Flex™ High Temperature, Heat & Chemical Resistant Fiberglass Tape  
with PTFE Resin Impregnation & Self Adhesive: Industrial Grade**

Part Number	Width in / mm		Price per Roll by Thickness				
			X = 3 .003"	X = 5 .005"	X = 6 .006"	X = 10 .010"	X = 14 .014" *
			Dielectric S = 5 kV / A = 5 kV	Dielectric S = 6 kV / A = 6 kV	Dielectric S = 8 kV / A = 8 kV	Dielectric S = 9.5 kV / A = 8.5 kV	Dielectric S = 10.5 kV / A = 9 kV
T-FG-PTRI-FDA-I-M013-08-X	.5	13	\$ 23.55 *	\$ 33.09 *	\$ 37.56 *	\$ 44.19 *	\$ 67.80 *
T-FG-PTRI-FDA-I-M019-12-X	.75	19	\$ 35.33 *	\$ 49.64 *	\$ 56.34 *	\$ 66.29 *	\$ 101.70
T-FG-PTRI-FDA-I-M025-16-X	1.0	25	\$ 47.10 *	\$ 66.18 *	\$ 75.12 *	\$ 88.38	\$ 135.60
T-FG-PTRI-FDA-I-M032-20-X	1.25	32	\$ 58.88	\$ 82.73	\$ 93.90	\$ 110.48	\$ 169.50
T-FG-PTRI-FDA-I-M038-24-X	1.5	38	\$ 70.65	\$ 99.27	\$ 112.68	\$ 132.57	\$ 203.40
T-FG-PTRI-FDA-I-M051-32-X	2.0	51	\$ 94.20	\$ 132.36	\$ 150.24	\$ 176.76	\$ 271.20
T-FG-PTRI-FDA-I-M064-40-X	2.5	64	\$ 117.75	\$ 165.45	\$ 187.80	\$ 220.95	\$ 339.00
T-FG-PTRI-FDA-I-M076-48-X	3.0	76	\$ 141.30	\$ 198.54	\$ 225.36	\$ 265.14	\$ 406.80
Other Widths			\$ 47.10 / in	\$ 66.18 / in	\$ 75.12 / in	\$ 88.38 / in	\$ 135.60 / in
Tensile Strength Warp / Fill (lbs/in)			100 / 50 90 / 50	135 / 120 135 / 120	150 / 140 150 / 140	250 / 155 250 / 155	440 / 250 440 / 250
Tear Strength Warp / Fill (lbs/in)			1.7 / 0.9	2.3 / 1.5	2.0 / 1.5	4.9 / 3.0	7.0 / 5.0

**\*Note: Minimum order for indicated tapes is 2 rolls**

Custom slitting available up to a maximum of 36 inches.

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- All tapes are 36 yards. 18 yard rolls are available at ~30% of the price shown.

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