

TEXFLON TECHNICAL TEXTILE

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SOLUTIONS IN COATING PROCESS

Our company is a new generation manufacturer in coating advanced fabrics (Glass fabric, Kevlar® etc.) with PTFE , Silicone polymers

We already use the latest coating technology to achieve consistently high standard products.

Our basic principle is to provide continual customer satisfaction and a high degree of technical support

Our Company, fully equipped research and developments to meet exacting quality standard. All products produced are inspected for surface characteristics and appearance.

Product Range

- PTFE Coated Glass/Kevlar® open mesh fabrics
- PTFE coated Glass & Kevlar® fabrics
- Silicone rubber coated industrial fabrics
- Self-adhesive PTFE coated Glass fabrics
- Fuse pressing belts
- PTFE coated process belts
- Heat sealing belts in using packaging industry.

PTFE Coated Open Mesh Fabrics

TEXFLON produce PTFE coated glass/Kevlar® fabrics with mesh size range from 1*1 mm to 6*6 mm allowing for maximum airflow and high efficient operation with minimal heat loss

TEXFLON make high performance PTFE dryer belts have excellent heat transfer properties and dimensional stability under high heat and high tension



Application

- Textile industry
 - Tensionless dryer machines
 - Rotary and flat printing machines
 - Yarn drying
 - Dying process
- Packaging industry
 - Shrink wrapping of films in tunnel ovens
- Screen print application
- Printed Circuit Production
- Wood lamination
- Chemistry industry
- Painting industry
- UV-IR & Microwave curing

PTFE COATED GLASS /KEVLAR® OPEN MESH FABRICS

Product Code	Fabric	Thickness (μ)	Maximum Width(mm)	Weight (G/M2)	Mesh Size (mm)	Maximum Temp. C	Tensile (N/cm)
Texflon 5001	Glass Fabric	700	3000	460	2 x 2	260	380*640
Texflon 5002	Glass Fabric	1000	4000	470	4 x 4	260	530*550
Texflon 5003	Glass Fabric	1100	4000	590	4 x 4	260	530*1100
Texflon 5004	Glass Fabric	1200	3200	580	6 x 6	260	740*680
Texflon 5005	Glass/Kevlar®	1300	3200	640	4 x 3	200	940*1000
Texflon 5006	Kevlar®/Kevlar®	700	3000	280	4 x 4	200	790*640
Texflon 5007	Kevlar®/Kevlar®	800	3200	300	2 x 3	200	790*640
Texflon 5008	Glass Fabric	1000	3200	470	4 x 4	260	530*550

PTFE Coated Glass & Kevlar® Fabrics

PTFE - woven glass and Kevlar® fabric combination has the following superior properties
They are therefore used for multipurpose in variety of industries

- * Superior heat and cold resistance (from –150 C to + 260 C)
- * Excellent release, non stick properties
- * Excellent chemical resistance
- * High dielectric strength
- * Dimensional stability & flexibility even under heat and pressure
- * Low electrical losses
- * Exceptionally low friction



Application

- Fabric fuse pressing process
- Heat sealing in packaging industry
- Curing of extruded rubber profiles
- Plastic welding process
- Cooling process for hot-melt powders
- Drying foodstuffs
- Lining of baking trays
- Bake and toasting processes
- Freezing processes for fish,vegetables
- Electrical and Electronic Industries

Product Code	Fabric	Thickness(μ)	Standard Width(mm)	Weight (G/M ²)	PTFE content (%)	Tensile (N/5cm)
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PTFE COATED GLASS FABRICS

Texflon 6003	Glass	80	1000	145	66	800
Texflon 6005	Glass	130	1000	250	60	1200
Texflon 6006	Glass	150	1000	300	65	1200
Texflon 6010	Glass	240	1000	460	55	2300
Texflon 6310	Glass	260	1000	550	64	2300
Texflon 6014	Glass	350	1000	680	57	3300
Texflon 6022	Glass	560	1000	800	52	4000
Texflon 6140	Glass	1000	1000	1150	60	7200

ANTI-STATIC (CONDUCTIVE) PTFE COATED GLASS FABRICS

Texflon 6003 AS	Glass	80	1000	145	66	800
Texflon 6005 AS	Glass	130	1000	250	60	1200
Texflon 6006 AS	Glass	150	1000	300	65	1200
Texflon 6010 AS	Glass	250	1000	460	55	2300
Texflon 6310 AS	Glass	270	1000	550	64	2300
Texflon 6314 AS	Glass	360	1000	750	63	3300
Texflon 6022 AS	Glass	580	1000	800	52	4000

PTFE COATED KEVLAR® FABRICS

Texflon 7005	Kevlar®	130	1000	250	60	2000
Texflon 7010	Kevlar®	250	1000	340	57	4000
Texflon 7014	Kevlar®	350	1000	480	52	6000

SILICONE COATED FABRICS

Texflon 8010	Glass	250	1000	340		1250
Texflon 8015	Glass	350	1000	540		2000
Texflon 8020	Glass	500	1000	760		3500

Self Adhesive PTFE Coated Glass Fabrics

Self Adhesive PTFE coated fabric provides an excellent release surface for industrial application requiring high temperature such as 250 C, electrical resistance, mechanical strength



Product Code	Fabric	Thickness(μ)	Standard Width(mm)	Adhesive Thickness(μ)	PTFE content (%)	Adhesion (N/5cm)
SELF ADHESIVE PTFE COATED GLASS FABRICS						
Texflon 9003	Glass	80	1000	40	66	3,9
Texflon 9005	Glass	130	1000	50	60	4,7
Texflon 9006	Glass	150	1000	55	65	4,7
Texflon 9010	Glass	250	1000	70	60	5,9
Texflon 9014	Glass	350	1000	80	57	6,6

SELF ADHESIVE ANTI-STATIC (CONDUCTIVE) PTFE COATED GLASS FABRICS

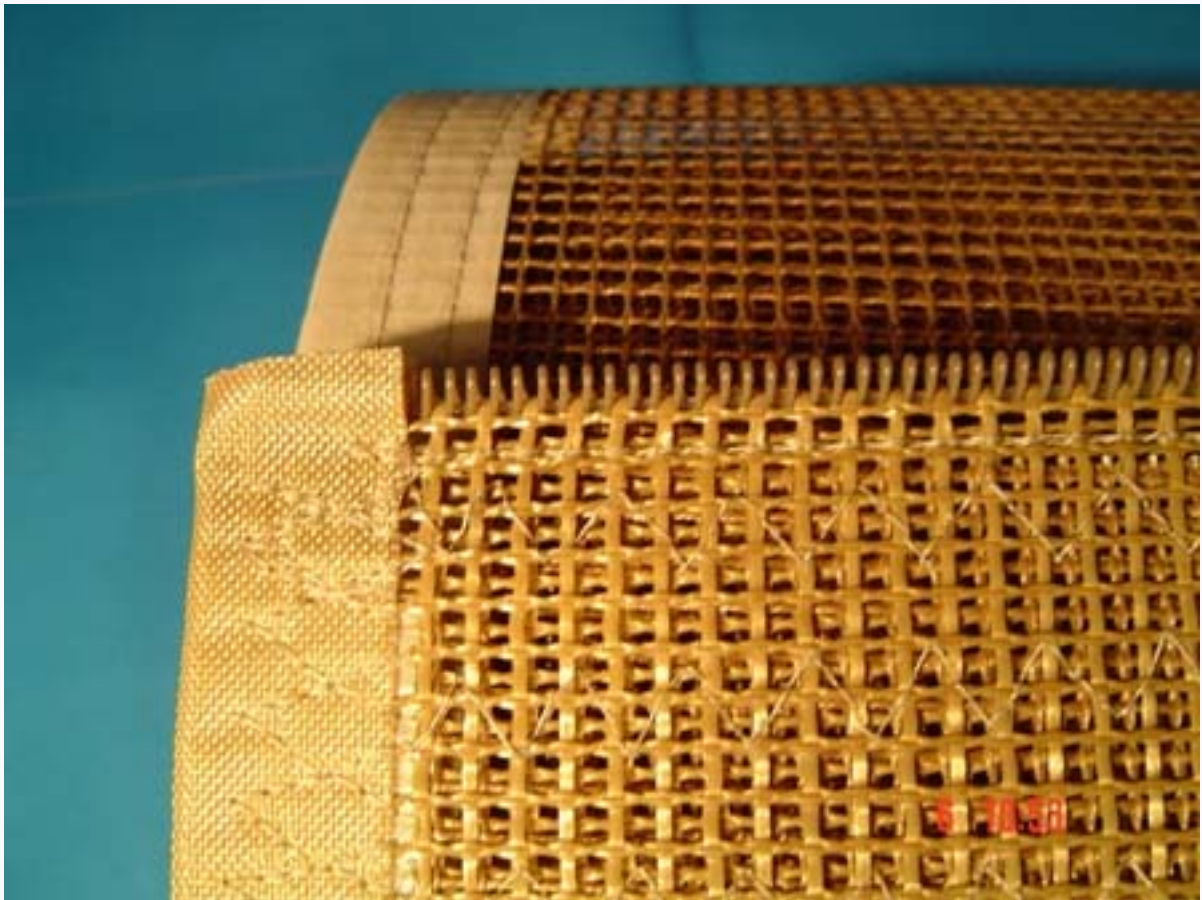
Texflon 9003 AS	Glass	80	1000	40	66	3,9
Texflon 9005 AS	Glass	130	1000	50	60	4,7
Texflon 9006 AS	Glass	150	1000	55	65	4,7
Texflon 9010 AS	Glass	250	1000	70	60	5,9

PTFE coated process belts

Conveyor belts for Tensionless dryer machines rotary and flat printing machines

TEXFLON make high performance PTFE dryer belts have excellent heat transfer properties and dimensional stability under high heat and high tension

PTFE dryer belts are made in wide variety of splice and edge reinforcements to respond to all belt designs and applications.



Fuse Pressing belts

These belts are manufactured with wide variety of super smooth splices and suitable guiding materials to obtain high efficient for garment fusing process.

Seamless Fuse Pressing Belts are also available in order to completely eliminating the risk of seam marking and failure to joint breakage.

Seamless specialty belts provide excellent release , dimensional stability and longer useful life.



Heat sealing PTFE belts for packaging industry

Heat sealing belts ensure the efficient of heat to wrapping and speed up production by reinforcing one side with tear resistant PTFE fabric strip and guiding studs giving the best tracking performance.



Kevlar® is registered trademark of Du Pont Inc.

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