

General properties

- High heat resistance (up to +260C continuously)
- High tensile force at low volume
- Very low friction resistance
- Excellent NON-adhesive properties
- Slight heat capacity and heat loss “at a very good heat transmission”
- In certain types available up to 4,800 mm width
- No solvents needed in coating systems
- Highly lightweight constructions possible in oven manufacturing
- Fantastic chemical resistance
- Several versions directly available from stock (see technical specifications)



HEAT RESISTANCE:

PTFE Glass Conveyor belts are usable from -75° up to 260° C without any problems

PTFE ARAMIDE and PTFE GLASS-Aramide are usable up to 200° C

EDGE REINFORCEMENT:

All conveyor belts can be provided with several types of edge reinforcements and guides/guiders.

JOINTS:

The conveyor belts can be supplied with several different mechanical and welded connections

It is also possible to have the belt made endless on location.

Possible applications are :

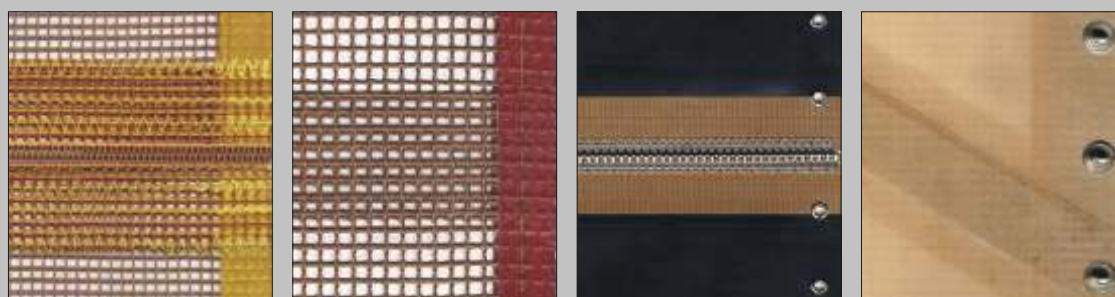
- UV-Dryers
- Infra-red Dryers
- Shrink tunnels
- Cooling tunnels
- Reverse Coating Systems
- Laminators
- Dry ovens
- Food industry belts
- Gluing processes



Technical specification for common PTFE GLASS conveyorbelts:

Quality	Max. width in mm	Weight gr/m ²	nom.thicknes in mm	Tensile force. at break N./10 mm	Strech at break /%	Tensile force at 1% strech	min. roll Ø in mm	Mesh- opening
Glassfabricl								
805X	1.500	255	0,12	220	2,24	124	40	closed
806X	1.500	296	0,14	220	2,30	130	40	closed
810X	2.500	490	0,24	400	2,70	162	60	closed
814X	1.500	620	0,33	460	2,60	197	80	closed
827X	3.300	1.100	0,68	600	4,10	218	150	closed
1195	1.500	530	-	500	2,00	332	150	1x1 mm
1255	2.500	430	0,80	600	2,40	162	150	2x2 mm
1305	4.800	460	-	500	2,90	130	150	4x4 mm
Aramidfabricl								
F06X	1.200	220	0,16	160	1,30	158	40	closed
F17X	2.000	475	0,37	1.000	2,25	-	60	closed
F305	3.000	280	0,75	700	-	-	120	4x4 mm
Glass/Aramid								
H305	3.000	630	1,20	1.000	-	-	120	5x4 mm

Antistatic: All aforementioned versions can also be coated with PTFE which has been mixed with 7% carbon to achieve a reasonable drain of static electricity in the belt.



1. 2. 3. 4.

Shown above are several possible edge reinforcements and joints.

1. Mesh belt type 1305, with kevlar edges and an open kevlar joint.
2. Mesh belt type 1305, with highfile edges and a 40mm overlapweld
3. Closed belt anitstatic type 310X, with a 25mm edge reinforcement with eyelets and a G001 RVS alligator belt joint
4. Closed belt type 810X, with a 25mm edge reinforcement and guide studs and a 25mm overlapjoint at a 30 degree angle



P.O. Box 281 • 7500 AG Enschede • NL
Thermen 5 • 7521 PS Enschede • NL

Phone: 0031 53 435 32 35
Fax: 0031 53 433 61 37

Internet: www.hardick.nl
E-mail: info@hardick.nl

