



**transtex belting**  
conveyor belts

**polarflex®**

GO WITH THE FLOW - ADDED ABRASION WITH  
LOW TEMPERATURE BELTING

transtex® - lightweight rubber & pvc



MOVEMENT SYSTEMS

Lightweight conveyor belting (Transtex Belting) is pleased to introduce polarflex, our latest innovation for abrasive applications where low temperatures are present.

Another feature of the polarflex compound is that its thermoplastic nature makes it very conducive to fabrication and other value-added operations using common thermoplastic procedures.

So if your main application concerns involve cold temperatures or highly abrasive conditions, then Forbo-Transtex polarflex is the belt for you.

Applications:	Industries Served:
Tubeveyors	Agriculture
Feed Lots	Metals/Recycling
Cold storage areas	General Applications
Harvesters	Feed/Seed/Grain
Abrasive applications	Food * 908921 and 908922
Grain and feed	
Food conveying * 908921 and 908922	



Product Specification:	PF 120 LT AR CTXF-NA BLUE	PF 120 LT AR CTXB-NA BLUE	PVC 200 LT AR CXF-NA BLUE	PF 120 LT AR CXB-NA BLUE	PF 120 LT AR CVTXB-NA BLUE	PF120 LT AR OFR CXF-NA BLUE FDA	PF200 LT AR OFR CxX-NA BLUE FDA	PF300 LT AR CxB-NA BLUE
Transtex Product Code:	908010	908753	908758	908772	908791	908921	908922	908774
Color:	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
Nominal Overall Gauge inches: mm:	0.240 +/- 0.01 6.1 +/- 0.25	0.240 +/- 0.01 6.1 +/- 0.25	0.200 +/- 0.01 5.1 +/- 0.25	0.132 +/- 0.01 3.35 +/- 0.25	0.240 +/- 0.01 6.1 +/- 0.25	0.132 +/- 0.01 3.35 +/- 0.25	0.200 +/- 0.01 5.1 +/- 0.25	0.22 +/- 0.01 5.6 +/- 0.25
Nominal Weight, in lbs/ft²: in kg/m²:	0.85 +/- 10% 4.1 +/- 10%	0.85 +/- 10% 4.1 +/- 10%	1.3 +/- 10% 6.3 +/- 10%	0.85 +/- 10% 4.1 +/- 10%	0.85 +/- 10% 4.1 +/- 10%	0.85 +/- 10% 4.1 +/- 10%	1.3 +/- 10% 6.3 +/- 10%	1.4 +/- 10% 6.8 +/- 10%
Rated Working Tension:	120 lbs./in. / 21 N/mm. @ 1.5%	120 lbs./in. / 21 N/mm. @ 1.5%	200 lbs./in. / 35 N/mm.@ 1.5%	120 lbs./in. / 21 N/mm. @ 1.5%	120 lbs./in. / 21 N/mm. @ 1.5%	120 lbs./in. / 21 N/mm. @ 2%	200 lbs./in. / 35 N/mm. @ 2%	300 lbs./in. / 53 N/mm. @ 2%
Top Cover Surface:	Crescent top PVC	Crescent top PVC	Smooth PVC	Smooth PVC	Chevron Top PVC	Smooth PVC	Smooth PVC	Smooth PVC
Bottom Cover Surface:	Friction	Brushed	Friction	Brushed	Brushed	Friction	Friction	Brushed
Minimum Pulley Diameter:	2 inches / 51 mm.	2 inches / 51 mm.	4 inches / 102 mm.	2 inches / 51 mm.	2 inches / 51 mm.	2.5 inches / 64 mm.	5 inches / 126 mm.	7 inches / 178 mm.
Temperature Range:	-40° to 180° F / -4° to 82° C	-40° to 180° F / -4° to 82° C	-40° to 180° F / -4° to 82° C	-40° to 180° F / -4° to 82° C	-40° to 180° F / -4° to 82° C	-40° to 180° F / -4° to 82° C	-40° to 180° F / -4° to 82° C	-40° to 180° F / -40° to 82° C
Transverse Rigidity:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Special Standards:	Rated low temperature to -40° F / C. Premium abrasion resistant cover.	Rated low temperature to -40° F / C. Premium abrasion resistant cover.	Rated low temperature to -40° F / C. Premium abrasion resistant covers.	Rated low temperature to -40° F / C. Premium abrasion resistant covers.	Rated low temperature to -40° F / C. Premium abrasion resistant covers.	Rated low temperature to -40° F / C. Premium abrasion resistant covers.	Rated low temperature to -40° F / C. Premium abrasion resistant covers.	Rated low temperature to -40° F / C. Premium abrasion resistant covers.
Cover Coefficient of Friction, Steel:	1.3 nominal	1.3 nominal	0.8, nominal	0.8, nominal	1.3, nominal	0.8, nominal	0.8, nominal	0.35, nominal
Bottom Coefficient of Friction, Steel:	0.8 nominal	0.4 nominal	0.8, nominal	0.4, nominal	0.4, nominal	0.8, nominal	0.8, nominal	0.8, nominal
Production Width(s):	72 inches / 1829 mm.	72 inches / 1829 mm.	72 inches / 1829 mm.	72 inches / 1829 mm.	72 inches / 1829 mm.	72 inches / 1829 mm.	72 inches / 1829 mm.	72 inches / 1829 mm.
Typical Applications:	Incline applications requiring low temperature flexibility and/or high abrasion resistance	Incline applications requiring low temperature flexibility and/or high abrasion resistance	Applications requiring low temperature flexibility and/or high abrasion resistance	Applications requiring low temperature flexibility and/or high abrasion resistance	Incline applications requiring low temperature flexibility and/or high abrasion resistance	Horizontal conveying at very low temperatures; processing of food where animal fats are present. Can be used on wrapped or unwrapped food.	Horizontal conveying at very low temperatures; processing of food where animal fats are present. Can be used on wrapped or unwrapped food.	Horizontal conveying at very low temperatures; Waste conveyor, recycling conveyor

**Forbo Movement Systems**

**Transtex® Belting**

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Forbo Movement Systems is part of the Forbo Group,  
a global leader in flooring, bonding and movement systems.

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