

**Belt Construction****Type FPS20-04i  
transparent**

Fabric		
Number of fabrics		2
Fabric top layer	Spun polyester antistatic	TA
Fabric inner layer		-
Fabric bottom side	Spun polyester antistatic	TA

Cover			Bottomside		
Thickness cover	0,5 mm	0,02 inch	Thickness bottom side	0,2 mm	0,008 inch
Material top side		Fabplast® (PE)	Material bottom side		Impregnated (0,2mm)
Profile top side		-	Profile bottom side		Satin matt finish
Hardness top layer (° ShoreA)		90			

**Technical data**

Coefficient of friction (steel)		0,5	Tension force for 1% elongation	8 N/mm	45,7 lbf/inch
Thickness	2,3 mm	0,091 inch	Maximum tension	23 N/mm	131,3 lbf/inch
Weight	1,7 kg/m <sup>2</sup>	0,35 lb/ft <sup>2</sup>	Maximum strain		2,5 %
Recommended tension	3-6 N/mm	17-34 lbf/inch			
Recommended tension: strain		0,4-0,7 %			

**Roll**

Carrying rollers	Yes	Minimum pulley diameter flection	90 mm	3,54 inch
Slider bed	Yes	Minimum pulley diameter contraflect	110 mm	4,33 inch
Throughed installation	Yes			

**International standards**

FDA conformance	Yes	EU conformance	Yes
USDA conformance	Yes	ATEX conformance	No

**Properties**

Oil and grease resistant	Yes		Maximum	70 °C	158 °F
Antistatic cover	No		Minimum	-50 °C	-58 °F
Antistatic fabric	Yes				
Flame retardant	No				
Lateral stable	No				
Color	transparent				

Last modification on: 23-12-2010