

Belt Construction

Type FPS20-01 transparent

Fabric	
Number of fabrics	2
Fabric top layer	Polyester monofilament, antistatic, frayless RFLA
Fabric inner layer	-
Fabric bottom side	Polyester monofilament, antistatic, frayless RFLA

Cover			Bottomside		
Thickness cover	0,5 mm	0,02 inch	Thickness bottom side	0,6 mm	0,024 inch
Material top side		Fabplast® (PE)	Material bottom side		Fabplast® (PE)
Profile top side		-	Profile bottom side		Big Diamond (3 mm)
Hardness top layer (° ShoreA)		90			

Technical data

Coefficient of friction (steel)		0,3	Tension force for 1% elongation	10 N/mm	57,1 lbf/inch
Thickness	2,9 mm	0,112 inch	Maximum tension	13 N/mm	74,2 lbf/inch
Weight	2,3 kg/m ²	0,47 lb/ft ²	Maximum strain		1,2 %
Recommended tension	4-7 N/mm	23-40 lbf/inch			
Recommended tension: strain		0,4-0,7 %			

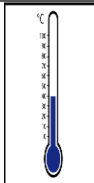
Rol

Carrying rollers	Yes	Minimum pulley diameter flection	30 mm	1,18 inch
Slider bed	Limited	Minimum pulley diameter contraflect	60 mm	2,36 inch
Throughed installation	No			

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	Yes				
Color	transparent				

Last modification on: 16-10-2018