

**Belt Construction****Type FPS20-81
blue**

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

Technical data

Coefficient of friction (steel)		0,35	Tension force for 1% elongation	8 N/mm	45,7 lbf/inch
Thickness	2,85 mm	0,112 inch	Maximum tension	23 N/mm	131,3 lbf/inch
Weight	2,1 kg/m ²	0,43 lb/ft ²	Maximum strain		2,5 %
Recommended tension	3-6 N/mm	17-34 lbf/inch			
Recommended tension: strain		0,4-0,7 %			

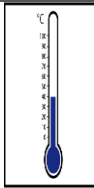
Roll

Carrying rollers	Yes	Minimum pulley diameter flection	90 mm	3,54 inch
Slider bed	Limited	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	blue				

Last modification on: 23-12-2010