

Belt Construction

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

Type FPS20-81 blue

Cover			Bottomside	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 Diamono	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/m²	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 %			

Rol

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

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

Properties

Oil and grease resistant	Yes	ΰΛ			
Antistatic cover	No	Х- Х- Х-	Maximum	70 °C	158 °F
Antistatic fabric	Yes	х- х- х-			
Flame retardant	No	4- X- X-			
Lateral stable	No	ŭ. L	Minimum	-50 °C	-58 °F
Color	blue				

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