

**Belt Construction****Type 31-81
blue**

Fabric		
Number of fabrics		3
Fabric top layer	Polyester multifilament	E
Fabric inner layer	Polyester multifilament	E
Fabric bottom side	Polyester multifilament	E

Cover			Bottomside		
Thickness cover	0,7 mm	0,028 inch	Thickness bottom side	0,6 mm	0,024 inch
Material top side		PVC	Material bottom side		PVC
Profile top side		-	Profile bottom side		Big Diamond (3 mm)
Hardness top layer (° ShoreA)		65			

Technical data

Coefficient of friction (steel)		0,35	Tension force for 1% elongation	23 N/mm	131,3 lbf/inch
Thickness	4,6 mm	0,181 inch	Maximum tension	36 N/mm	205,6 lbf/inch
Weight	5 kg/m ²	1,02 lb/ft ²	Maximum strain		1,6 %
Recommended tension	7-12 N/mm	39-67 lbf/inch			
Recommended tension: strain		0,4-0,7 %			

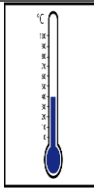
Roll

Carrying rollers	Yes	Minimum pulley diameter flection	100 mm	3,94 inch
Slider bed	Limited	Minimum pulley diameter contraflect	140 mm	5,51 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	110 °C	230 °F
Antistatic cover	No		Minimum	-10 °C	14 °F
Antistatic fabric	No				
Flame retardant	No				
Lateral stable	No				
Color	blue				

Last modification on: 23-12-2010