

Technical belt data sheet

Flexam EX 10/2 0+A32 black AS

Article code 589606

General information	
Product group	Synthetic belts
Market segment	General handling
Main features	Antistatic, Low noise
Belt support	Slider bed, Rollers, Flat

Belt construction			
Fabric tension layer	polyester	stable	2-ply
Topside	Flexam PVC	A32 Fine rib profile	black
Bottomside	fabric	fabric structure	natural

Characteristics	
Foodgrade (FG)	no
Antistatic (AS)	yes
High conductive (HC)	no
Flame retardant (FR)	no
ATEX approval	no

Technical belt data			
Hardness topside	<i>according to ISO 868</i>	55A shore	
Force at 1% elongation	<i>according to ISO 21181</i>	10.0 N/mm	56.00 lbs./in.
Belt thickness	<i>internal AB method KV.002</i>	2.60 mm	0.102 in.
Weight	<i>internal AB method KV.004</i>	2.70 kg/m ²	0.553 lbs./ft. ²
Thickness top cover		1.00 mm	0.039 in.
Temperature range		-10 to 80 °C	14 to 176 °F
Temperature range short		-10 to 100 °C	14 to 212 °F
Min. pulley diameter flexing		50.0 mm	1.969 in.
Min. pulley diameter back flexing		80.0 mm	3.150 in.
Standard belt width		3000 mm	118.11 in.
Maximum belt width		3000 mm	118.11 in.

Endless instructions

Hot splicing is always preferable. Cold splicing can only be done when the belt is exposed to normal temperatures and the humidity is not excessive. For the working method, consult the splice information and the equipment literature. Apply the recommended splice as indicated in the separate information.

Additional information

The information applies at approx. 20°C (68°F). Keep the belt tension to a minimum for maximum belt and conveyor life. Stated is the belt temperature. The allowable product temperature may vary.

The pulley diameters are valid for a hot spliced belt and at the indicated belt force. Depending on the splice and working conditions (e.g. temperature), different pulley diameters may be possible or necessary. When fasteners are used the minimum diameters are increased by approx. 50%.

Consult our specialists for available profiles and accessories.