Technical belt data sheet

Flexam EX 10/2 0+A32 black AS



Article code 589606

General information	
Product group	Synthetic belts
Market segment	Airport, logistics & mail, General handling, Distribution centres
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)	yes, in accordance with ASTM D-378
ATEX approval	no

Technical belt data					
Hardness topside	according to ISO 868	55A	shore		
Force at 1% elongation	according to ISO 21181	10.0	N/mm	56.00	lbs./in.
Belt thickness	internal AB method KV.002	2.60	mm	0.102	in.
Weight	internal AB method KV.004	2.70	kg/m²	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.

Because of continuous development, the presented data is subject to alteration. This data replaces that included in previous publications. Ammeraal Beltech excludes any liability for the incorrect use of the above stated information. Subject to the general terms and conditions of sale and delivery, as applied by its operating companies, are all activities performed and services rendered by Ammeraal Beltech.

© Ammeraal Beltech Printed: March 10, 2022
Edited: October 25, 2019