

Flexam EX 10/2 0+A47 black AS



Article code 574123

General information

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

Belt construction

Fabric tension layer	polyester	stable	2-ply
Topside	Flexam PVC	A47 AmWeave profile	black
Bottomside	fabric	low noise	

Characteristics

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

Technical belt data

Hardness topside	according to ISO 868	35A	shore
Force at 1% elongation (static) / k1% relaxed elastic modules	according to ISO 21181	10.0 / 8.0	N/mm
Belt thickness	internal AB method KV.002	2.50	mm / 0.098 in.
Weight	internal AB method KV.004	2.80	kg/m ² / 0.573 lbs./ft. ²
Coefficient of friction bottomside to steel	according to ISO 21182	0.17	Dynamic / 0.2 Static
Thickness top cover		0.90	mm / 0.035 in.
Temperature		-25 to 80	°C / -13 to 176 °F
Temperature short		-25 to 100	°C / -13 to 212 °F
Min. pulley diameter flexing		25.0	mm / 0.984 in.
Min. pulley diameter back flexing		40.0	mm / 1.575 in.
Standard belt width		2000	mm / 78.74 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 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. When fasteners are used the min. diameters are increased by approx. 50%.

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