

Flexam EX 10/2 0+04 black M2 AS

Article code 589605

General information

Product group	Synthetic belts General
Market segment	handling/MH,airport
Main features	Antistatic, Low noise
Belt support	Slider bed, Rollers

Belt construction

Fabric tension layer	polyester	stable	2-ply
Topside	Flexam PVC	M2 Matt finish	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	according to DIN 53505	80A	shore
Force at 1% elongation	according to ISO 21181	8.0	N/mm 44.80 lbs./in.
Belt thickness	internal AB method KV.002	2.30	mm 0.079 in.
Weight	internal AB method KV.004	2.10	kg/m ² 0.430 lbs./ft. ²
Thickness top cover		0.40	mm 0.016 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		25.0	mm 0.984 in.
Min. pulley diameter back flexing		50.0	mm 1.969 in.
Standard belt width		2000	mm 78.74 in.
Maximum 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 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.