

Flexam EX 10/2 0+05 black M2 AS FR IR



Article code 576601

General information

Product group	Synthetic belts
Market segment	General handling, Airports
Main features	Antistatic, Flame retardant, Impact resistant, Low noise
Belt support	Slider bed, Rollers, Flat

Belt construction

Fabric tension layer	polyester	stable	2-ply
Topside	Flexam PVC	M2 Matt finish	black
Bottomside	fabric	low noise	

Characteristics

Foodgrade (FG)	no
Antistatic (AS)	yes
High conductive (HC)	no
Flame retardant (FR)	yes, in accordance with ISO 340:2004
ATEX approval	no

Technical belt data

Hardness topside	<i>in accordance with DIN 53505</i>	80A	shore
Force at 1% elongation		10.0	N/mm lb./in.
Belt thickness	<i>internal AB method KV.002</i>	3.50	mm 0.138 in.
Weight	<i>internal AB method KV.004</i>	3.70	kg/m ² 0.758 lbs./ft. ²
Coefficient of friction bottomside to steel	<i>in accordance with ISO 21182</i>	0.2	Dynamic
		0.25	Static
Thickness top cover		0.50	mm 0.020 in.
Temperature		-15 to 80	°C 5 to 176 °F
Temperature short		-15 to 100	°C 5 to 212 °F
Min. pulley diameter flexing		60.0	mm 2.362 in.
Min. pulley diameter back flexing		100.0	mm 3.937 in.
Standard belt width		2020	mm 79.53 in.
Maximum belt width		2020	mm 79.53 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%.