

Flexam EM 10/2 0+A42 dark green AS FG



Article code 589604

General information

Product group	Synthetic belts
Market segment	General handling
Main features	Antistatic, Foodgrade
Belt support	Slider bed, Rollers

Belt construction

Fabric tension layer	polyester	stable	2-ply
Topside	Flexam PVC	A42 Supergrip wave profile	dark green
Bottomside	fabric	fabric structure	natural

Characteristics

Foodgrade (FG)	yes, food contact surface according FDA
Antistatic (AS)	yes, in accordance with ISO 21178
High conductive (HC)	no
Flame retardant (FR)	no
ATEX approval	no

Technical belt data

Hardness topside	according to ISO 868	60A	shore
Force at 1% elongation	according to ISO 21181	10.0	N/mm 56.00 lbs./in.
Belt thickness	internal AB method KV.002	4.50	mm 0.177 in.
Weight	internal AB method KV.004	4.40	kg/m ² 0.901 lbs./ft. ²
Thickness top cover		2.00	mm 0.079 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		40.0	mm 1.575 in.
Min. pulley diameter back flexing		70.0	mm 2.756 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.