

Ropanyl EM 6/2 00+02 light blue AS FG AM / 93 Sh



Article code 577970

General information	
Product group	Synthetic belts
Market segment	Meat & poultry, Confectionery, Bakery, General handling, Packaging
Main features	Antistatic, Foodgrade, Anti-microbial
Belt support	Slider bed, Rollers, Flat

Belt construction			
Fabric tension layer	polyester	stable	2-ply
Topside	Ropanyl TPU	smooth	light blue
Bottomside	Ropanol PUR	impregnation	transparent

Characteristics	
Foodgrade (FG)	yes, according: EC 1935/2004, EU 10/2011 (and amendments); food contact surface FDA
Antistatic (AS)	yes
High conductive (HC)	no
Flame retardant (FR)	no
ATEX approval	yes, according Category 2 - KEMA 05ATEX2164 U

Technical belt data			
Hardness topside	according to ISO 868	93A	shore
Force at 1% elongation	according to ISO 21181	6.0	N/mm 33.60 lbs./in.
Belt thickness	internal AB method KV.002	1.50	mm 0.059 in.
Weight	internal AB method KV.004	1.65	kg/m ² 0.338 lbs./ft. ²
Thickness top cover		0.20	mm 0.008 in.
Temperature range		-20 to 90	°C -4 to 194 °F
Temperature range short		-30 to 110	°C -22 to 230 °F
Min. pulley diameter flexing		14.0	mm 0.551 in.
Min. pulley diameter back flexing		40.0	mm 1.575 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.

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