

Ropanyl ESM 5/2 00+015 white AS FG NF



Article code 579510

General information

Product group	Synthetic belts
Market segment	General food, Confectionery, Bakery
Main features	Antistatic, Foodgrade, Non-fraying, Knife edge transfer
Belt support	Slider bed, Rollers, Flat, Troughed

Belt construction

Fabric tension layer	polyester	stable	2-ply
Topside	Ropanyl TPU	smooth	white
Bottomside	PUR	special impregnation	white

Characteristics

Foodgrade (FG)	yes, according: EC 1935/2004, EU 10/2011 (and amendments); food contact surface 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 DIN 53505	85A	shore
Force at 1% elongation	according to ISO 21181	5.0	N/mm 28.00 lbs./in.
Belt thickness	internal AB method KV.002	1.30	mm 0.051 in.
Weight	internal AB method KV.004	1.40	kg/m ² 0.287 lbs./ft. ²
Thickness top cover		0.15	mm 0.006 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		5.00	mm 0.197 in.
Min. pulley diameter back flexing		20.0	mm 0.787 in.
Standard belt width		2000	mm 78.74 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.