

Ropanyl EF 5/1 0+02 transparent FG NL

General information

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

Belt construction

Fabric tension layer	polyester	flexible	1-ply
Topside	Ropanyl TPU	glossy (GL)	transparent
Bottomside	fabric	low friction	

Characteristics

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

Technical belt data

Hardness topside	according to DIN 53505	93A shore	
Force at 1% elongation	according to ISO 21181	5.0 N/mm	28.00 lbs./in.
Belt thickness	internal AB method KV.002	0.70 mm	0.028 in.
Weight	internal AB method KV.004	0.60 kg/m ²	0.123 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		8.00 mm	0.315 in.
Min. pulley diameter back flexing		15.0 mm	0.591 in.
Standard belt width		1200 mm	47.24 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.