

Nonex EM 10/2 00+P27 white FG



Article code 500453

General information

Product group	Synthetic belts
Market segment	General food, Fish , Glass
Main features	Foodgrade, Oil & grease resistant
Belt support	Slider bed, Rollers, Flat

Belt construction

Fabric tension layer	polyester	stable	2-ply
Topside	Nonex PVC	P27 Herring bone (grooved) profile	white
Bottomside	Ropanol PUR	impregnation	transparent

Characteristics

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

Technical belt data

Hardness topside	according to ISO 868	65A	shore
Force at 1% elongation	according to ISO 21181	10.0	N/mm 56.00 lbs./in.
Belt thickness	internal AB method KV.002	5.20	mm 0.205 in.
Weight	internal AB method KV.004	4.20	kg/m ² 0.860 lbs./ft. ²
Thickness top cover		3.50	mm 0.138 in.
Temperature range		-15 to 80	°C 5 to 176 °F
Temperature range short		-15 to 100	°C 5 to 212 °F
Min. pulley diameter flexing		100.0	mm 3.937 in.
Min. pulley diameter back flexing		180.0	mm 7.087 in.
Standard belt width		1500	mm 59.06 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.