

Nonex EM 8/2 00+P12 white FG



Article code 511442

General information

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

Belt construction

Fabric tension layer	polyester	stable	2-ply
Topside	Nonex PVC	P12 Triangle transverse ribs profile	white
Bottomside	Ropanol TPU	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	8.0	N/mm 44.80 lbs./in.
Belt thickness	internal AB method KV.002	3.40	mm 0.134 in.
Weight	internal AB method KV.004	3.50	kg/m ² 0.717 lbs./ft. ²
Thickness top cover		2.00	mm 0.079 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		60.0	mm 2.362 in.
Min. pulley diameter back flexing		90.0	mm 3.543 in.
Standard belt width		1600	mm 62.99 in.
Maximum belt width		1600	mm 62.99 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.