

Felt EM 5/1 00+FE white FG



Article code 570970

| General information | |
|---------------------|---------------------------|
| Product group | Synthetic belts |
| Market segment | Bakery |
| Main features | Foodgrade |
| Belt support | Slider bed, Rollers, Flat |

| Belt construction | | | |
|----------------------|----------------|--------------|-------------|
| Fabric tension layer | polyester | stable | 1-ply |
| Topside | Felt Polyester | | 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 | | | |
|-----------------------------------|----------------------------------|------------------------|-----------------------------|
| Force at 1% elongation | <i>according to ISO 21181</i> | 5.0 N/mm | 28.00 lb./in. |
| Belt thickness | <i>internal AB method KV.002</i> | 3.00 mm | 0.118 in. |
| Weight | <i>internal AB method KV.004</i> | 1.70 kg/m ² | 0.348 lbs./ft. ² |
| Temperature | | -10 to 90 °C | 14 to 194 °F |
| Temperature short | | -10 to 100 °C | 14 to 212 °F |
| Min. pulley diameter flexing | | 30.0 mm | 1.181 in. |
| Min. pulley diameter back flexing | | 30.0 mm | 1.181 in. |
| Standard belt width | | 1950 mm | 76.77 in. |
| Maximum belt width | | 1950 mm | 76.77 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 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.