General information

Product group: Synthetic Belts
Industry segment: Food: Sugar; Chemicals, rubber & plastics: Detergents & cleaners
Main product feature: Antistatic, Flame retardant, Foodgrade
Indication of use: Slider bed, Rollers, Flat, Troughed

Belt construction

Tension layer: polyester, flexible
Number of plies: 3
Top side:
- material: Flexam, PVC
- finish: matt
- color: white

Bottom side:
- material: Flexam, PVC
- finish: matt, M2 Matt finish
- color: white

Characteristics

Food Grade (FG): yes According: FDA
Anti-static (AS): yes
Flame-retardant (FR): yes
ATEX approval: ATEX 2

Technical data

Hardness: according to ISO 868
top side: 85A Shore

Force at 1% elongation: according to ISO 21181
total: 15 N/mm 85.65 lbs/in.
Top cover: 2.00 mm 0.08 in.

Thickness: internal AB method KV.002

Weight: internal AB method KV.004

Operating temperature:
- continuous: from/to -15 / 80 °C 5 / 176 °F
- short: from/to -15 / 100 °C 5 / 212 °F

Minimum pulley diameter:
- flexing: 180 mm 7.09 in.
- backflexing: 240 mm 9.45 in.

Belt width:
- standard: 2020 mm 79.53 in.
- maximum: 3000 mm 118.11 in.

Fabrication

Hot splicing is always preferable. Glueing can only be done when the belt is exposed to normal temperature 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.
This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F) and 50% relative humidity, unless otherwise stated, individual data may differ.

We recommend to keep the belt tension to a practical working minimum to maximize the service life of the belt and machine parts.

Do not go below the initial elongation. Install the belt and tension until running perfectly under the full belt load.

Always protect belts from sunlight/UV-radiation, avoid temperatures below 10°C and above 40°C, dust and dirt. Store belts in a cool and dry place and if possible in their original packaging.

For details consult 'Storage and handling instructions' or contact our specialist.