Ropanyl EM 8/2 00+02 light blue M2 AS FG

Product group: Synthetic Belts
Industry segment: Food: Meat & poultry, Confectionary & candy, Bakery; Chemicals, rubber & plastics
Main product feature: Antistatic, Foodgrade
Indication of use: Slider bed, Rollers, Flat

Belt construction
- Tension layer: polyester, stable
- Number of plies: 2
- Top side:
  - Material: Ropanyl, TPU
  - Finish: matt, M2 Matt finish
  - Color: Light blue
- Bottom side:
  - Material: Ropanol, PUR
  - Finish: impregnated fabric
  - Color: Light blue

Characteristics
- Food Grade (FG): Yes
- Anti-static (AS): Yes
- ATEX approval: ATEX 2

Technical data
- Hardness: top side 93A Shore
- Force at 1% elongation: 8 N/mm, 45.68 lbs/in.
- Thickness:
  - Total: 1.65 mm, 0.06 in.
  - Top cover: 0.15 mm, 0.01 in.
- Weight: 1.7 kg/m², 0.35 lbs/ft²
- Operating temperature:
  - Continuous: from/to -20 / 90 °C, -4 / 194 °F
  - Short: from/to -30 / 110 °C, -22 / 230 °F
- Minimum pulley diameter:
  - Flexing: 14 mm, 0.55 in.
  - Backflexing: 50 mm, 1.97 in.
- Belt width:
  - Standard: 2020 mm, 79.53 in.
  - Maximum: 3200 mm, 125.98 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.

Additional 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.

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