Technical datasheet

Ropanyl EM 4/1 00+02 black M1 AS HC NL /60ShD



Article code: SBRY579379

Product groupSynthetic BeltsIndustry segmentTextileMain product featureHigh conductivityIndication of useSider bed, Rollers, FlatBelt constructionBelt constructionImage: Image:
Main product feature High conductivity Indication of use Slider bed, Rollers, Flat Belt construction reason Tension layer oplyester, stable Number of plies a Top side material Ropanyl, TPU Indication side color black Bottom side material Ropanol, PUR Indication side materinal Ropanol, PUR
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finish impregnated fabric
color black
Characteristics
Food Grade (FG) no
Antistatic (AS) yes ISO 21178
High conductive (HC) yes ISO 284
ATEX approval no
Technical data
Hardness ISO 868 top side 60D Shore
Force at 1% elongation (static)ISO 211814 N/mm22.84 lbs/in.
Thickness AB method KV.002 total 0.75 mm 0.03 in.
top cover 0.25 mm 0.01 in.
Weight AB method KV.004 0.8 kg/m² 0.16 lbs/ft²
Operating temperature continuous from / to -20 / 70 °C -4 / 158 °F
Minimum pulley diameterflexing25 mm0.98 in.
backflexing 50 mm 1.97 in.
Manufacturing widthstandard3150 mm124.02 in.
maximum 3150 mm 124.02 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 seperate information.

Additional information

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), 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.

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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