Process and Conveyor Belts

Technical datasheet

Flexam SW150 00+01 black

Article code: SBAS589532

General information

Product group: Synthetic Belts
Main product feature: Impact resistant, Low friction back side
Indication of use: Slider bed, Rollers, Flat

Belt construction

Tension layer: polyester, flexible
Number of plies: 1
Top side:
- Material: Flexam, PVC
- Finish: impregnated fabric
- Color: black
Bottom side:
- Material: Flexam, PVC
- Finish: brushed
- Color: black

Technical data

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Force at 1% elongation</td>
<td>12 N/mm, 68.52 lbs/in.</td>
</tr>
<tr>
<td>Thickness</td>
<td>4.6 mm, 0.18 in.</td>
</tr>
<tr>
<td>Weight</td>
<td>4.3 kg/m², 0.88 lbs/ft²</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>from/to -15 / 82 °C, 5 / 179.6 °F</td>
</tr>
<tr>
<td></td>
<td>Short from/to -18 / 82 °C, -0.4 / 179.6 °F</td>
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<tr>
<td>Minimum pulley diameter</td>
<td>flexing 100 mm, 3.94 in.</td>
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<td></td>
<td>backflexing 100 mm, 3.94 in.</td>
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<tr>
<td>Belt width</td>
<td>standard 2000 mm, 78.74 in.</td>
</tr>
<tr>
<td></td>
<td>maximum 2000 mm, 78.74 in.</td>
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</tbody>
</table>

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.