Technical datasheet

Nitrile ES 8/3 01+10 white FG

Article code: LWNI560001



| General information | | | | | | |
|------------------------|---|-------------------------|------------------------|-------|----------------------------|---------------------|
| Product group | Light Weight Rubber | | | | | |
| Industry segment | Food: Meat & poultry, Fish & seafood, Fruit & vegetable | | | | | |
| Main product feature | Foodgrade | | | | | |
| Indication of use | Slider bed, Rollers, Flat | | | | | |
| Belt construction | | | | | | |
| | | DEL polycotor flowible | | | | |
| Tension layer | | RFL polyester, flexible | | | | |
| Number of plies | | 3 | | | | |
| Top side | material | Nitrile, Nitrile | | | | |
| | finish | smooth | | | | |
| | color | white | | | | |
| Bottom side | material | Nitrile, polyester | | | | |
| | finish | smooth | | | | |
| | color | white | | | | |
| Characteristics | | | | | | |
| Food Grade (FG) | yes | FDA | | | | |
| Technical data | | | | | | |
| Hardness | ISO 868 | top side | 71 4 | Shore | | |
| Force at 1% elongation | ISO 21181 | top side | | N/mm | 45.68 | lbc/in |
| Thickness | AB method KV.002 | belt | | mm | 0.12 | |
| THICKIESS | Ab method KV.002 | top cover | | mm | 0.12 | |
| Waiaht | AB method KV.004 | top cover | | | | lbs/ft ² |
| Weight | | from (to | | kg/m² | | - |
| Operating temperature | continuous short | from / to from / to | -18 / 121 -18 / 135 | | -0.4 / 249.8 -0.4 / 275 | |
| Manufacturing width | standard | 110111 / 10 | -18 / 135 1829 | | -0.4 / 2/5 | |
| Manufacturing width | | | 1829 | | 72.01 | |
| | maximum | | 1829 | | /2.01 | |
| Fabrication | | | | | | |
| | Vulcanizing is always preferable. Cold splicing 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. | | | | | |

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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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