Ropanyl EM 6/2 00+02 light blue M2 AS FG AM

Article code: SBRY577981

General information

Product group  
Synthetic Belts

Industry segment  
Food: Confectionary & candy, Bakery; Container & packaging

Main product feature  
Antistatic, Foodgrade, Anti-microbial, Knife edge transfer

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

Bottom side  
material Ropanol, PUR
finish impregnated fabric

Characteristics

Food Grade (FG)  
yes  

Anti-static (AS)  
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  
6 N/mm  
0.06 in.

Thickness  
internal AB method KV.002  
total  
1.50 mm  
0.06 in.

Weight  
internal AB method KV.004  
top cover  
0.15 mm  
0.01 in.

Operating temperature  
continuous  
from/to  
-20 / 90 °C  
-4 / 194 °F

Minimum pulley diameter  
flexing  
6 mm  
0.24 in.

Belt width  
standard  
2020 mm  
79.53 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) 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.