Technical datasheet

# Nonex EF 5/1 A2+05 black



Article code: SBRP0581P1

| Product group Synthetic Belts   Industry segment Recycling   Main product feature Oil & grease resistant   Indication of use Elat. Rollers. Slider bed. Troughed | General information  |                                     |
|--|----------------------|-------------------------------------|
| Main product feature Oil & grease resistant  | Product group        | Synthetic Belts                     |
|  | Industry segment     | Recycling                           |
| Indication of use Flat. Rollers. Slider bed. Troughed  | Main product feature | Oil & grease resistant              |
|  | Indication of use    | Flat, Rollers, Slider bed, Troughed |

### **Belt construction**

| Tension layer   |          | polyester, flexible                |
|-----------------|----------|------------------------------------|
| Number of plies |          | 1                                  |
| Top side        | material | Nonex, PVC                         |
|                 | finish   | smooth, glossy                     |
|                 | color    | black                              |
| Bottom side     | material | Flexam, PVC                        |
|                 | finish   | profile, A2 Fine rectangle profile |
|                 | color    | black                              |
|                 |          |                                    |
| Characteristics |          |                                    |

| Food Grade (FG)      | no |  |
|----------------------|----|--|
| Antistatic (AS)      | no |  |
| High conductive (HC) | no |  |
| Flame-retardant (FR) | no |  |
| ATEX approval        | no |  |

#### **Technical data** Hardness ISO 868 top side 80A Shore Force at 1% elongation (static) ISO 21181 5 N/mm 28.55 lbs/in. Thickness AB method KV.002 0.07 in. total 1.80 mm top cover 0.50 mm 0.02 in. 0.37 lbs/ft<sup>2</sup> Weight AB method KV.004 1.8 kg/m<sup>2</sup> **Operating temperature** continuous from / to -15 / 80 °C 5/176 °F short from / to -15 / 100 °C 5/212 °F Minimum pulley diameter flexing 35 mm 1.38 in. backflexing 50 mm 1.97 in. Manufacturing width standard 2020 mm 79.53 in. maximum 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), 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.

Because of continuous development, the presented data is subject to alteration. This data replaces that included in previous publications. Ammeraal Beltech excludes any liability for the incorrect use of the above stated information. Subject to the general terms and conditions of sale and delivery, as applied by its operating companies, are all activities performed and services rendered by Ammeraal Beltech.