

Technical belt data sheet

AmPrint U 230

Article code 515075

General information

| | |
|----------------|------------------------------|
| Product group | Synthetic belts |
| Market segment | Textiles & leather, Printing |
| Main features | Antistatic |
| Belt support | Slider bed, Rollers, Flat |

Belt construction

| | | | |
|----------------------|-------------|---------------------|-------------|
| Fabric tension layer | polyester | stable | 2-ply |
| Topside | Ropanyl TPU | M1 Fine matt finish | black |
| Bottomside | Ropanol TPU | impregnation | transparent |

Characteristics

| | |
|----------------------|-----------------------------------|
| Foodgrade (FG) | no |
| Antistatic (AS) | yes, in accordance with ISO 21178 |
| High conductive (HC) | no |
| Flame retardant (FR) | no |
| ATEX approval | no |

Technical belt data

| | | | |
|-----------------------------------|----------------------------------|------------------------|-----------------------------|
| Hardness topside | <i>according to DIN 53505</i> | 93A shore | |
| Force at 1% elongation | <i>according to ISO 21181</i> | 25.0 N/mm | 140.00 lbs./in. |
| Belt thickness | <i>internal AB method KV.002</i> | 2.65 mm | 0.104 in. |
| Weight | <i>internal AB method KV.004</i> | 3.00 kg/m ² | 0.614 lbs./ft. ² |
| Thickness top cover | | 0.50 mm | 0.020 in. |
| Temperature range | | -20 to 90 °C | -4 to 194 °F |
| Temperature range short | | -30 to 110 °C | -22 to 230 °F |
| Min. pulley diameter flexing | | 100.0 mm | 3.937 in. |
| Min. pulley diameter back flexing | | 160.0 mm | 6.299 in. |
| Standard belt width | | 2800 mm | 110.24 in. |
| Maximum belt width | | 3200 mm | 125.98 in. |

Additional information

The information applies at approx. 20°C (68°F). Keep the belt tension to a minimum for maximum belt and conveyor life. Stated is the belt temperature. The allowable product temperature may vary.

The pulley diameters are valid for a hot spliced belt and at the indicated belt force. Depending on the splice and working conditions (e.g. temperature), different pulley diameters may be possible or necessary. When fasteners are used the minimum diameters are increased by approx. 50%.