

Reinforced Round belts

E-RR-J+S



Main application

Live roller drive belt, Power transmission belt

Description

Oil resistant, Low elasticity, Monolithic Belt, Abrasion resistant, Hydrolysis resistant, Flexibility in all directions, Simple and fast joining method, Smooth and pore-free belt surface

Product data

| Technical data | |
|--|---------------|
| Material type | TPU Polyether |
| Hardness | 95 ShA |
| Geometry Option | Smooth |
| Temperature correction factor | 0.85 |
| Min. operating temperature admissible (continuous) | -20 °C |
| Max. operating temperature admissible (continuous) | 50 °C |
| Coefficient of friction on steel | 0.40 |

| Code | Item number | Color | Food grade | DoC Name | Ø | Package | Quantity | Units | Weight |
|-------------------|-------------|-------------|------------|----------|-------|---------|----------|-------|--------|
| | | | | | mm | | | | kg |
| E-RR10-JT-C100+S | H950022141 | Transparent | Yes | JT | 10 | Coil | 100 | M | 0.087 |
| E-RR1/2-JT-C100+S | H950019734 | Transparent | Yes | JT | 12.70 | Coil | 100 | M | 0.142 |

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554). Limited representative testing based on a standard configuration is carried out to estimate minimum pulley diameters. Please contact Habasit for specific guidance regarding non-standard applications, including, but not exclusively, when profiles or cleats are used, or if the belt working temperature is close to the limits listed in this document.

| Code | Pulley diameter (minimum) | Minimum pulley diameter running side |
|-------------------|---------------------------|--------------------------------------|
| | mm | mm |
| E-RR10-JT-C100+S | 100 | 100 |
| E-RR1/2-JT-C100+S | 127 | 127 |

Chemical resistance

Link to 'Chemical resistance information': <https://rims.habasit.com>

Recommendation

General dimensional tolerance: ±3% or ±0.20 mm (whichever is greater).

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