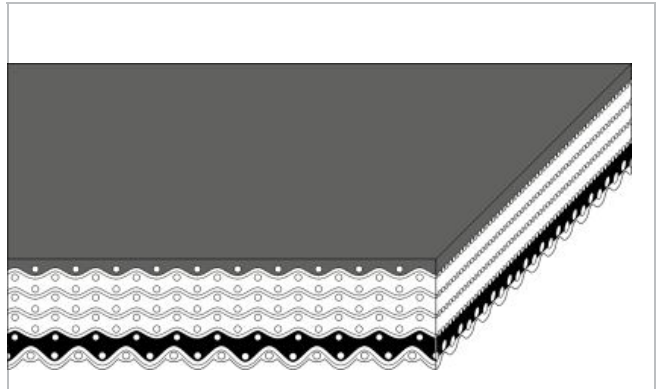
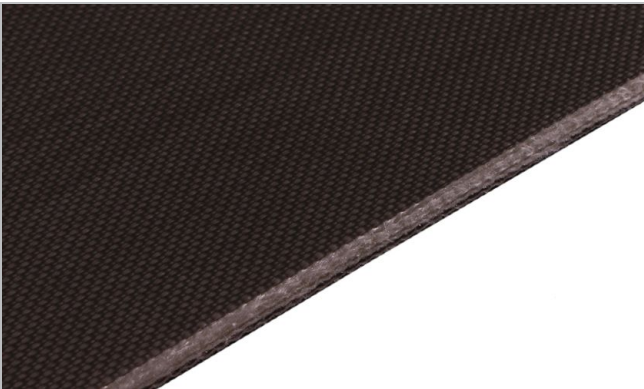


Processing Belts DC262



Special features

High strength



| Product Construction / Design | |
|-------------------------------|----------------------------------|
| Conveying side material | Thermoplastic polyurethane (TPU) |
| Conveying side surface | Smooth |
| Conveying side property | Medium-adhesive |
| Conveying side color | Gray |
| Traction layer (material) | Polyester (PET) |
| Number of Fabrics | 5 |
| Pulley side material | Polyester (PET) |
| Pulley side surface | Impregnated fabric |
| Pulley side property | Non-adhesive |
| Pulley side color | Light gray |

| Product characteristics | |
|--|-----------------|
| Antistatically equipped | No |
| Adhesive free joining method | Yes |
| Food suitability, FDA conformance | No |
| Food suitability, USDA recommendations | No use intended |
| Food suitability, EU conformance | No |

Processing Belts

DC262



| Technical data | | |
|---|-----------------------|---------------|
| Thickness of belt | 4.5 mm | 0.18 inch |
| Mass of belt (belt weight) | 4.9 kg/m ² | 1.004 lb/sqft |
| Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155) | 51 N/mm | 291 lbf/in |
| Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181) | 32 N/mm | 183 lbf/in |
| Min. operating temperature admissible (continuous) | 0 °C | 32 °F |
| Max. operating temperature admissible (continuous) | 80 °C | 176 °F |
| Coefficient of friction (pulley side / steel driving pulley) | 0.15 - | |
| Coefficient of friction (pulley side / driving pulley with friction cover) | 0.35 - | |
| Coefficient of friction (pulley side / pickled steel slider bed) | 0.20 - | |
| Coefficient of friction (pulley side / phenolic resin slider bed) | 0.20 - | |
| Coefficient of friction (pulley side / stainless steel slider bed) | 0.20 - | |
| Seamless manufacturing width | 1500 mm | 59.06 inch |

Joining related properties

| Joining method | |
|-------------------|---|
| Flexproof 20 x 80 | Master joining method for standard applications |

[Link to JDS:](#)

| Joining method | | Flexproof 20 x 80 |
|--|----------------|-------------------|
| Pulley diameter (minimum) | mm inch | 250 9.84 |
| Pulley diameter minimum with counter flecion | mm inch | 250 9.84 |
| Admissible tensile force per unit of width | N/mm lbf/in | 64 365 |
| Admissible tensile force per unit of width at max. operating temperature | N/mm lbf/in | 35 200 |
| Slider bed suitable | | Yes |
| Carrying rollers suitable | | Yes |
| Troughed installation suitable | | No |
| Powerturns / curved installations | | No |
| Knife-edge (nosebar) suitable | | No |

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.

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Chemical resistance

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

Mode of use or conveyance

Horizontal

Calculations

For most applications calculation is not required. Should you still need a calculation: please ask Habasit.

Recommendation

Do not go below initial elongation (epsilon) ~ 0.2%

Protect spare belts from sunlight/UV-radiation/dust/dirt!

| | |
|-------------|-----------------------|
| Group | Various Special Belts |
| Sub-Group | - |
| Item number | H700001582 |

Disclaimer

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