

PTW231 AmTube 504

Article code: EWPT000001

General information

| | |
|-----------------------------|---|
| Product group | endless woven |
| Industry segment | Paper & print: Corrugated board |
| Main product feature | High grip, Abrasion resistant, Dusty environment, Non-marking |
| Application | Tube winders |
| Indication of use | Abrasive applications, High friction conveying |

Belt construction

| | | |
|------------------------|-----------------|----------------|
| Tension layer | | polyester |
| Number of plies | | 1 |
| Top side | material | Ropan, PUR |
| | finish | GROUND GRIT 40 |
| | color | white |
| Bottom side | material | Ropan, PUR |
| | finish | GROUND GRIT 40 |
| | color | white |

Characteristics

| | |
|-----------------------------|----|
| Antistatic (AS) | no |
| Flame-retardant (FR) | no |

Technical data

| | | | | |
|--------------------------------|--------------|-------------|-----------------------|-------------------------|
| Hardness | top cover | ISO 868 | 70A Shore | |
| | bottom cover | ISO 868 | 70A Shore | |
| Force at 1% elongation | | ISO 21181 | 50 N/mm | 285.51 lbs/in. |
| Thickness | belt | | 4 mm | 0.16 in. |
| | top cover | | 1.2 mm | 0.05 in. |
| | bottom cover | | 1.2 mm | 0.05 in. |
| Weight | | | 3.9 kg/m ² | 0.8 lbs/ft ² |
| Length | | from / to | 2500 / 10000 mm | 98.43 / 393.7 in. |
| Width | | min. / max. | 50 / 250 mm | 1.97 / 9.84 in. |
| Operating temperature | continuous | from / to | -20 / 90 °C | -4 / 194 °F |
| | short | from / to | -30 / 110 °C | -22 / 230 °F |
| Minimum pulley diameter | | | 40 mm | 1.57 in. |

Tolerances

| | | | | |
|------------------|---------|-----------|--------|----------|
| Length | ± 0.7 % | minimum ± | 20 mm | 0.79 in. |
| Width | | ± | 1 mm | 0.04 in. |
| Thickness | | ± | 0.2 mm | 0.01 in. |

Side view



Standard AmTube range

| Belttype | AmTube 500 series | AmTube 700 series |
|-------------------------|-------------------------------|-------------------------------|
| Article code | GK 1002 | GK 1752 |
| Weave | broken twill weave | broken twill weave |
| Fabric | polyester | polyester |
| Force at 1% elongation | 50 N/mm | 90 N/mm |
| Cover | PUR: white Ropan 70° Shore A | PUR: white Ropan 70° Shore A |
| Coefficient of friction | 0.8 | 0.8 |
| Total belt thickness | 4 -7 mm | 8 -14 mm |
| Tube diameter | 40 mm and more | 60 mm and more |
| Wall thickness | 2 - 8 mm | 4 mm and more |
| Necessary belt width | 10 mm smaller than feed paper | 10 mm smaller than feed paper |
| Min. Tube diameter | 10x belt thickness | 10x belt thickness |
| Temperature resistance | max. 90 °C | max. 90 °C |
| Belt length | 2500 - 70000 mm | 2500 - 70000 mm |
| Belt width | 40 - 800 mm | 40 - 800 mm |
| Edge finish | fully closed over min 5.0 mm | fully closed over min 5.0 mm |

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.