

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

Beltype	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.