Technical datasheet

PTW231 AmTube 506

Article code: EWPT000002



General information							
Product group	endless woven						
Industry segment	Paper & print: C	Paper & print: Corrugated board					
Main product feature	High grip, Abras	High grip, Abrasion resistant, Dusty environment, Non-marking					
Application	Tube winders						
Indication of use	Abrasive applica	tions, Higł	n 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	material Ropan, PUR					
	finish	finish GROUND GRIT 40					
	color	color white					
Characteristics							
Antistatic (AS)	no						
Flame-retardant (FR)	no						
	110						
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			6	mm	0.24	in.
	top cover			2.2	mm	0.09	in.
	bottom cover			2.2	mm	0.09	in.
Weight				5.9	kg/m²	1.21	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				60	mm	2.36	in.
Tolerances							
			minimum ±	20	mm	0.79	in
Length	$\pm 0.7\%$						
-	± 0.7 %						
Length Width Thickness	± 0.7 %		±	1	mm mm	0.04	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.

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