

AmWrap Temperature GK1402 AL T4,5

Article code: EWMW000009

General information

Product group	endless woven
Industry segment	Metal: Sheet production
Main product feature	Heat resistant, Impact resistant, Cut resistant, Wear resistant
Application	Coil Wrapping

Belt construction

Tension layer		polyester
Number of plies		1
Top side	material	Ropanyl, TPU
	finish	smooth
	color	ivory
Bottom side	material	Ropanyl,
	finish	smooth
	color	Light blue

Characteristics

Food Grade (FG)	no
Antistatic (AS)	no
Flame-retardant (FR)	no

Technical data

Hardness	bottom cover	ISO 868	93A Shore	
Force at 1% elongation		ISO 21181	70 N/mm	399.71 lbs/in.
Thickness	belt		6 mm	0.24 in.
	top cover		2.0 mm	0.08 in.
Weight			9.0 kg/m ²	1.84 lbs/ft ²
Length		min. / max.	1500 / 50000 mm	59.06 / 1968.5 in.
Width		min. / max.	300 / 1300 mm	11.81 / 51.18 in.
Operating temperature	continuous	from / to	-10 / 130 °C	14 / 266 °F
	short	from / to	-10 / 150 °C	14 / 302 °F
Minimum pulley diameter			130 mm	5.12 in.

Tolerances

Length	± 2 %			
Width	± 2 %	minimum ±	30 mm	1.18 in.
Thickness		±	0.5 mm	0.02 in.

Side view



Configuration possibilities AmWrap series

AmWrap belts can be tailored for various applications, by combining default options listed below. First of all ensure the correct temperature is selected, then continue selecting the fabric, top cover and bottom cover. If any assistance is required, please consult our specialists for further assistance.

Brand name	Application	Maximum coil temperature	
		[°C]	[°F]
AmWrap C	Cold	80	176
AmWrap T	Temperature	130	266
AmWrap H	Hot	350	662

Fabric	Application	Material	Max belt tension at 2% elongation [N/mm]	Thickness [mm]
AmWrap GK112	Cold	100% Polyester	40	2.5
AmWrap GK1002	Cold	100% Polyester	100	2.3
AmWrap GK1402	Cold	100% Polyester	140	3.0
AmWrap GK1752	Cold / Temperature**	100% Polyester	175	3.5
AmWrap GK2502	Cold / Temperature***	50% Polyester / 50% Aramid	250	3.0
AmWrap H300	Hot	100% Aramid	140 (1% elongation)	7.0
AmWrap H700	Hot	100% Aramid	140 (1% elongation)	8.5

Top cover material	Application	Available hardness or density	Finish	Minimum thickness [mm]	Maximum thickness [mm]
Ropan PUR	Cold	70°, 80°, 90° Shore A	Ground	1.0	6.0
Ropanyl TPU	Temperature	60° Shore D	Smooth	1.0	3.0
Aramide Needlefelt	Hot	1000 g/m ²	Felt	2.0	2.0
Aramide Needlefelt	Hot	1300 g/m ²	Felt	3.5	3.5

Bottom cover material	Application	Available hardness	Finish	Minimum thickness [mm]	Maximum thickness [mm]
Nonex PVC	Cold	55°, 65° Shore A	Smooth or A21 profile	0.5	1.0
Ropan PUR	Cold	70°, 80°, 90° Shore A	Ground	1.0	3.0
Ropanyl TPU	Temperature	93° Shore A	Smooth	0.5	1.0

** maximum width = 1300 mm

*** maximum width = 1600 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.