

# AmWrap Cold GK1402 AL-ST T2

Article code: EMMW000003

## General information

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

## Belt construction

<b>Tension layer</b>		polyester
<b>Number of plies</b>		1
<b>Top side</b>	<b>material</b>	Ropan, PUR
	<b>finish</b>	GROUND GRIT 40
	<b>color</b>	white
<b>Bottom side</b>	<b>material</b>	Nonex,
	<b>finish</b>	smooth
	<b>color</b>	Light blue

## Characteristics

<b>Food Grade (FG)</b>	no
<b>Antistatic (AS)</b>	no
<b>Flame-retardant (FR)</b>	no

## Technical data

<b>Hardness</b>	bottom cover	ISO 868	65A Shore	
<b>Force at 1% elongation</b>		ISO 21181	70 N/mm	399.71 lbs/in.
<b>Thickness</b>	belt		5.5 mm	0.22 in.
	top cover		2.0 mm	0.08 in.
<b>Weight</b>			9.0 kg/m <sup>2</sup>	1.84 lbs/ft <sup>2</sup>
<b>Length</b>		min. / max.	1500 / 50000 mm	59.06 / 1968.5 in.
<b>Width</b>		min. / max.	300 / 1900 mm	11.81 / 74.8 in.
<b>Operating temperature</b>	continuous	from / to	-10 / 80 °C	14 / 176 °F
	short	from / to	-10 / 110 °C	14 / 230 °F
<b>Minimum pulley diameter</b>			130 mm	5.12 in.

## Tolerances

<b>Length</b>	± 2 %			
<b>Width</b>	± 2 %	minimum ±	30 mm	1.18 in.
<b>Thickness</b>		±	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 <sup>2</sup>	Felt	2.0	2.0
Aramide Needlefelt	Hot	1300 g/m <sup>2</sup>	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.