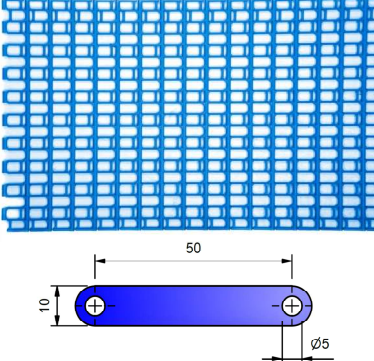


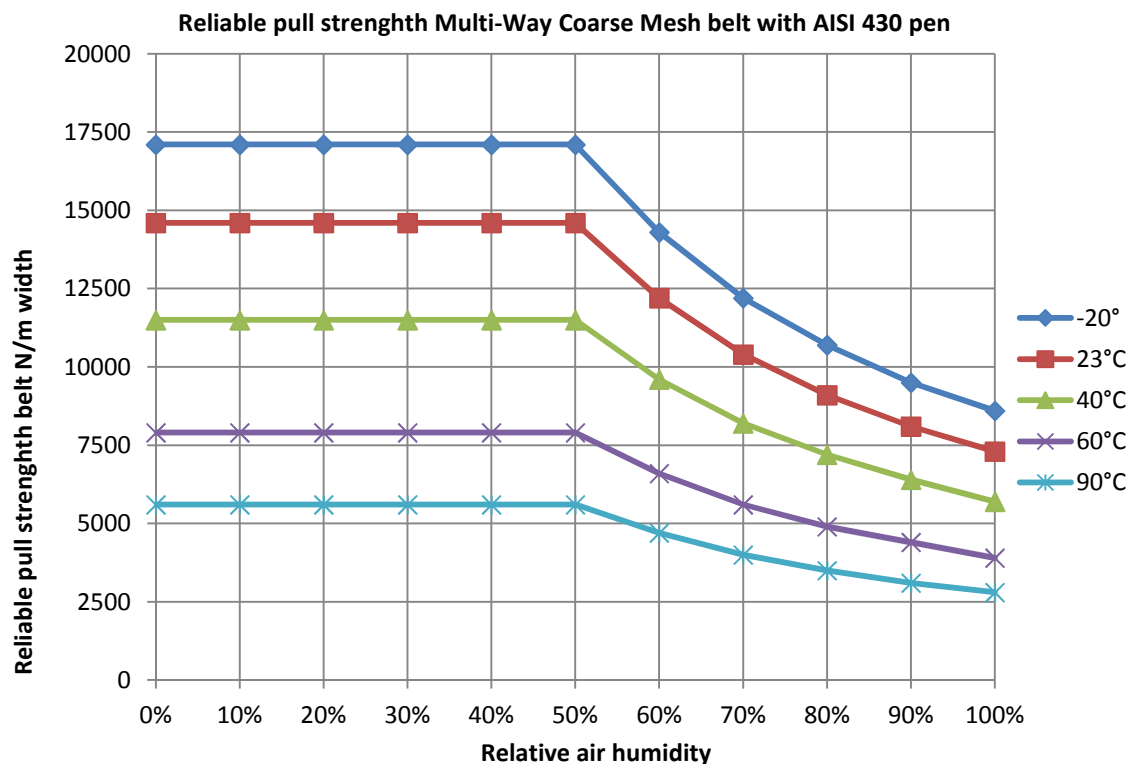
# Multi-Way Coarse Mesh

## Details assembled Multi-Way Coarse Mesh belt

Common details		
	<b>Series</b>	Multi-Way Coarse Mesh
	<b>Type</b>	Straight
	<b>Material</b>	AKULON K224-G6
	<b>Colour</b>	RAL 5015 (blue)
	<b>Pitch transportation direction</b>	50 mm
	<b>Percentage open</b>	64 %
	<b>Thickness</b>	10 mm
	<b>Food approved</b>	Yes
<b>Features:</b> Strong conveying belt with very open structure. Attention needs to be paid to make the construction of the conveyor "finger safe" since the belt itself is open to penetrate.		


Technical details				
Material link	Material pin	Pull strength*	Mass belt	Temperature reach
		in [N/m]	in [Kg/m <sup>2</sup> ]	in [°C]
Akulon	AISI 430 (chromstaal)	14600	6,4	-40 tot 120
Akulon	PA 6 (nylon)	7300	3,7	-10 tot 80

\*This max. pull strength applies to a temperature of 23°C and a relative air humidity of 50%. At other temperatures and air humidity percentages the tolerable pull strength become as shown below:



**For example:** at a temperature of 60°C and a relative air humidity of 80%, the max. pull strength of a Akulon belt with AISI 430 pin is 4900 N/m width. At a PA6 pin, this value must be split up into 2 (2450 N/m width)

## Details sprocket wheels Multi-Way Coarse Mesh

Common details		
	<b>Series</b>	Multi-Way Coarse Mesh
	<b>Number of types of sprocket wheels</b>	4
	<b>Material</b>	Akulon
	<b>Colour</b>	RAL 5015 (blue)
	<b>Food suitable</b>	Yes

Technical details					
Measurement Ø	[mm]	Ø30	Ø50	Ø150	Ø70
Article number		1164020	1164021	1104393	104392
Number of teeth		8			
Pitch diameter	[mm]	Ø 130,66			
Width	[mm]	49,4			
Polygon effect (speed difference)	[%]	7,61			
Key width	[mm]	8			
Max. pull strength belt per sprocket through plain pressure key**	[N]	480	730	-	980
Max. pull strength belt per sprocket through teeth**	[N]	460	460	460	460
Max. pull strength belt per meter width***	[N/m]	8280	8280	8280	8280

\*\* This max. pull strength counts by a temperature of 23°C and a max. air humidity of 50%.

\*\*\* By 18 sprocket wheels per meter width (the total width filled with sprocket wheels).