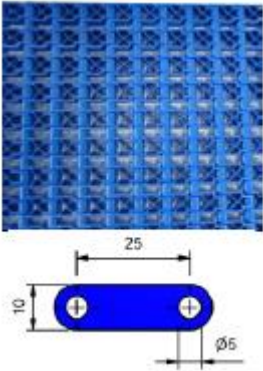


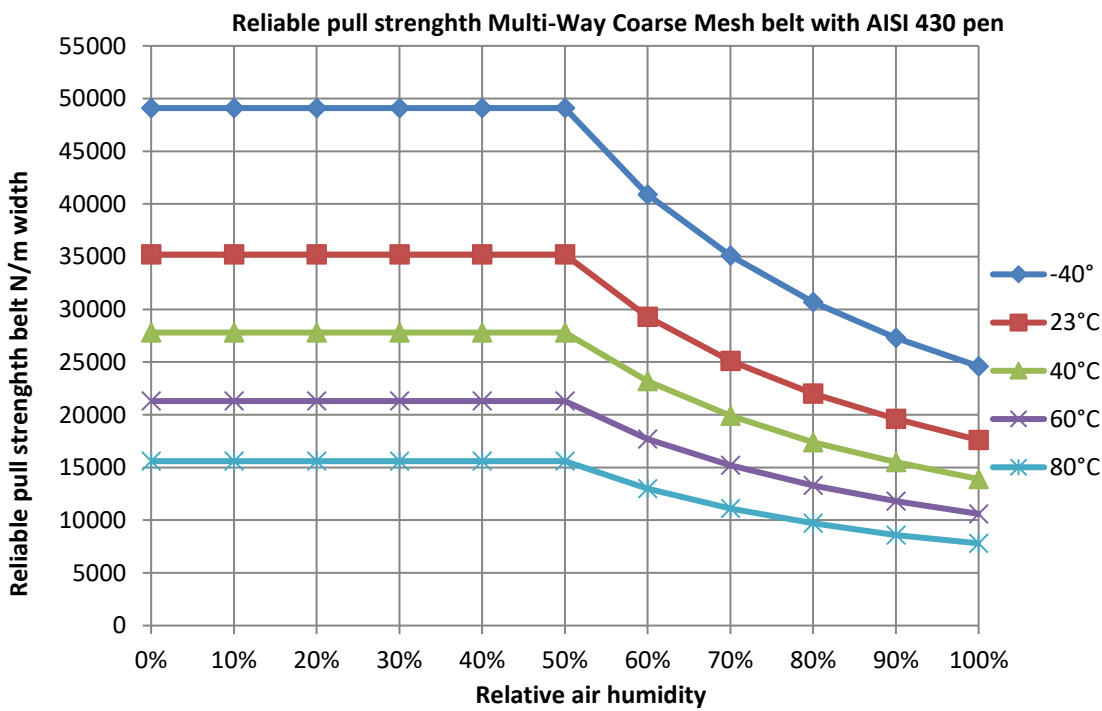
Multi-X

Details assembled Multi-X belt

Common details		
	Series	Multi-X
	Type	Straight
	Material	POM, Hostaform C9021
	Colour	RAL 5015 (blue)
	Pitch transportation direction	25 mm
	Percentage open	45 %
	Thickness	10 mm
	Food approved	Yes
	Features: Strong conveying belt with a safe open structure according to the CE regulations. Small transfer possible through a pitch of 25 mm.	


Technical details					
Material link	Material pin	Pull strength*	Mass belt	Environmental temperature	Contact temperature
		[N/m]	[Kg/m²]	[°C]	[°C]
POM	AISI 430 (chrome steel)	35200	12,5	-40 till 90	-40 till 140
POM	PA6 (nylon)	17600	7,3	-10 till 80	-10 till 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 Hostaform belt with AISI 430 pin is 13000 N/m width. At a PA6 pin, this value must be split up into 2 (6500 N/m width)

Details sprocket wheels Multi-X

Common details		
	Series	Multi-X
	Number of types of sprocket wheels	4
	Material	Hostaform C9021FCT1
	Colour	RAL 5015 (blue)
	Food suitable	Yes

Technical details					
Measurement Ø	[mm]	Ø30	Ø30	Ø50	Ø70
Article number		3308030	3316030	3316050	3316070
Number of teeth		8	16		
Pitch diameter	[mm]	Ø 65,33	Ø 128,15		
Width	[mm]	24,4			
Polygon effect (speed difference)	[%]	7,61	1,92		
Key width	[mm]	8	8	14	20
Max. pull strength belt per sprocket through plain pressure key**	[N]	1640	840	1720	3180
Max. pull strength belt per sprocket through teeth**	[N]	1000	1000	1000	1000
Max. pull strength belt per meter width***	[N/m]	36000	30240	36000	36000

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

By any other values please fill in the calculation sheet.

*** By 36 sprocket wheels per meter width (the total width filled with sprocket wheels).