

Synthetic Mesh Belts



Release 5

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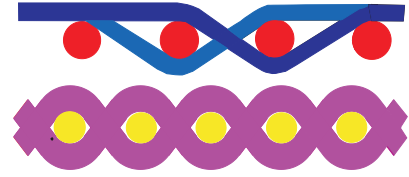


Synthetic Mesh Belts

These belts are *double woven*. A double weave woven wire belt consist of two layers: a flat top layer and a support layer. Double weave woven wire belts are mainly used for solid/liquid filtration applications in for example (petro)chemical industries and water treatment, as a belt, drum or disc filter.

Advantages of a double weave wove wire belt are: good mechanical properties & long lif span, high flow rate, good cake release & cleanability, stable property against heat and thermal shrinking.

(cake side)



(reverse side)

Material : Polypropylene						
Type	P-516	P-511	P-512	P-513	P-514	P-515
Weight (g/m ²)	480	480	480	470	470	470
Air permeability (l/min/dm ² at 200 Pa)	30	60	120	240	360	1300
Thickness (mm)	0,9	0,9	0,9	1,00	1,00	1,1
Setting (U/T / cm)	47,2+11,8/20,7 +10,3	47,2+11,8/20,7 +10,3	47,2+11,8/20,7 +10,3	47,2+11,8/20,7 +10,3	47,2+11,8/20,7 +10,3	47,2+11,8/20,7 +10,3
Yarn number in warp	Monofilament: 0,25+0,30 (4:1)	Monofilament: 0,25+0,30 (4:1)	Monofilament: 0,25+0,30 (4:1)	Monofilament: 0,25+0,30 (4:1)	Monofilament: 0,25+0,30 (4:1)	Monofilament: 0,25+0,30 (4:1)
Yarn number in weft	Multifil./Monofil. 466 dtex + 0,40 (2 :1)	Multifil./Monofil. 466 dtex + 0,40 (2 :1)	Multifil./Monofil. 466 dtex + 0,40 (2 :1)	Monofilament: 0,25+0,40 (2:1)	Monofilament: 0,25+0,40 (2:1)	Monofilament: 0,25+0,40 (2:1)
Breaking Strenght in warp daN / 5 cm	550	550	550	500	500	500
Breaking Strenght in weft daN / 5 cm	280	280	280	280	280	280
Max working temperature (°C)	100	100	100	100	100	100
Finish	Calandered	Calandered	Calandered	Calandered	Calandered	Calandered
Size pore (microns)	5-10	20	30	50	80	120

Contact

We have pleasure in advising you by the application of all specified belts in this leaflet.

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