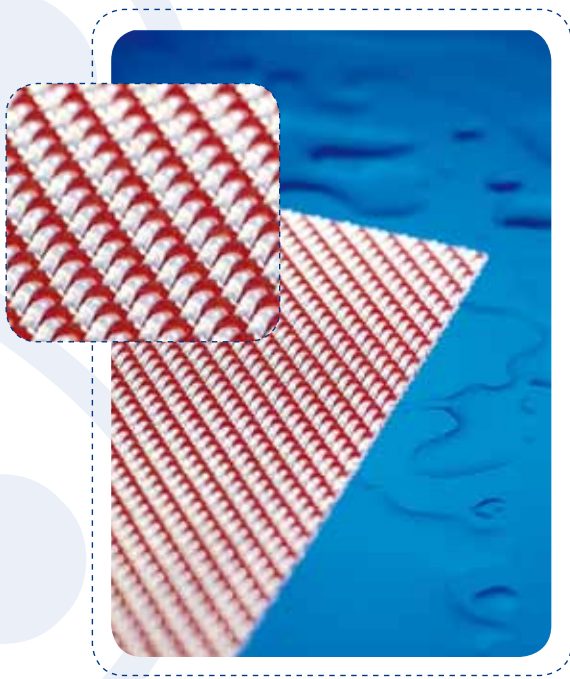


About the product

Woven screens are available in more than 25 different standart qualities. Adapted to your different fields of application, we will find the right solution, even special qualities are possible on request.

Our products are subject to a permanent optimisation and are continuously developed according to the latest trends.

Woven screens



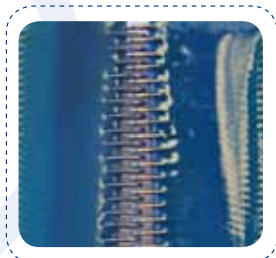
- For belt filter presses of all makes
- Very high drainage capacity
- Impressive stability and strength
- High resistance against abrasion
- Short machine down times by quick infeed
- Smooth operation properties
- Simple handling
- Optimal cost effectiveness

Seams in all variations

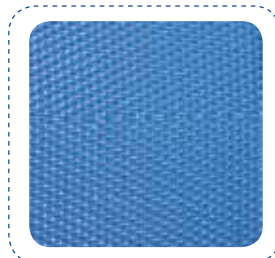
The edges of our spiral screens are sealed with a newly developed special bonding agent ensuring a higher stability and a long life.

We appreciate to give you advice.

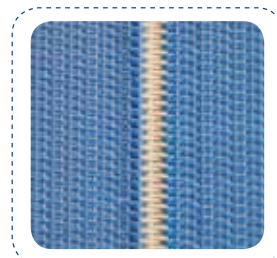
Available seam types:



metall clipper seam



woven endless seam



Spiral seam



pin seam

Types and parameters

Woven screens

TYPES: 001, 001D, 002, 002A, 003, 004, 005, 006

TYPE		001	001D	002	002A	003	004	005	006
Diameter of yarns mm	warp	0.7/PET	0.9/PA6	0.5/PET	0.7/PET	0.7/PET	0.5/PET	0.66/PET	0.5/PET
	weft	0.9/PET	1.05/PET+1.2/PA6	0.9/PET	0.8/PET	1.05/PET	0.7/PET	1.0/PET	0.9/PET
Threads of the yarns/10cm	warp	162±1	123±1	223±1	163±1	165±1	225±1	183±1	226±1
	weft	41±1	36±1	47±1	50±1	49±1	57±1	51±1	71±1
Air Permeability L/m ²	127Pa	3400~3550	2900~3200	3100~3250	1950~2150	2850~3000	2450~2600	2750~2900	2400~2600
	200Pa	4350~4550	3750~4000	4000~4200	2500~2750	3650~3900	3200~3400	3650~3850	3150~3400
Water permeability	m ³ /m ² .s	0.40~0.42	0.34~0.36	0.35~0.37	0.26~0.28	0.38~0.40	0.28~0.30	0.32~0.34	0.33~0.35
Water permeability Resistance *10 ⁶	m ⁻¹	2.95~3.05	3.42~3.52	3.36~3.46	4.59~4.69	3.09~3.19	4.21~4.31	3.82~3.92	3.79~3.89
Maximum Ebullition Aperture	µm	2330	2072	1614	1145	1704	1230	2200	1400
Boiling Aperture	µm	1967	1766	1456	1037	1608	1138	1760	1292
Aperture contrast		0.84	0.85	0.90	0.91	0.94	0.93	0.80	0.92
Porosity Rate	%	56	60	52	48	49	50	46	46
Thickness	mm	2.30	2.75	1.78	1.99	2.43	1.58	2.34	1.94
Thickness Abrade Rate n=10 ⁴	n=10 ⁴	6.75	5.71	4.32	4.03	3.97	4.40	1.70	2.50
Tensile strengths	N/cm	2700	2600	2000	2600	2419	2090	2450	1980
Elongation rate (warp direction)	%	34.0	30.5	42.0	40.0	28.5	37.5	35.0	34.3
Elongation rate	500kg/m	0.33	0.45	0.30	0.35	0.36	0.30	0.36	0.40
Weight g/m ²	g/m ²	1330	1440	1112	1337	1624	1037	1653	1370

TYPES: 008, 011, 013, 024, 024B, 030, 032, 035

TYPE		008	011	013	024B	024	030	032	035
Diameter of yarns mm	warp	0.5/PET	0.9/PET	0.7/PET PA	0.27x0.5/PET	0.35/PET	0.55x0.9/PET	0.7/PET	0.34x0.6/PET
	weft	0.6/PET	0.9/PET	0.9/PA6 PET	600Dx5+0.5/PET	0.5/PET	0.6/PET	0.7/PET	0.35/PET
Threads of the yarns/10cm	warp	210±1	66±1	125±1	235±1	365±2	109±1	67±1	208±1
	weft	75±1	51±1	50±1	76±1	100±2	48±1	69±1	120±1
Air Permeability l/m ²	127Pa	2850~3050	3400~3700	2700~2900	168~188	1450~1600	2950~3100	3500~3750	2050~2200
	200Pa	3650~3950	4250~4650	3600~3800	230~270	1900~2100	3800~4100	4250~4650	2700~2950
Water Permeability	m ³ /m ² .s	0.38~0.40	0.47~0.49	0.39~0.41	0.019~0.021	0.19~0.21	0.40~0.42	0.42~0.44	0.29~0.31
Water Permeability Resistance x10 ⁶	m ⁻¹	3.40~3.50	2.49~2.59	2.82~2.92	62.05~62.15	6.49~6.59	3.07~3.17	2.82~2.92	4.36~4.46
Maximum Ebullition Aperture	µm	1050	7303	4360	197	525	11000		1600
Boiling Aperture	µm	933	5845	2907	185	509	8800		1467
Aperture Contrast		0.89	0.80	0.67	0.94	0.97	0.80		0.92
Porosity Rate	%	53	53	59	48	53	57	51	51
Thickness	mm	1.56	1.79	2.12	1.30	1.3	2.15	0.78	1.45
Thickness Abrade Rate n=10 ⁴	n=10 ⁴	3.80	8.37	4.52	4.50	5.35	2.33	7.69	3.45
Tensile Strength	N/cm	1900	1750	1470	1256	1685	2100	1280	1445
Elongation Rate (warp direction)	%	40.0	40.0	30.4	25.7	40.0	25.0	26.0	34.0
Elongation Rate	500kg/m	0.50	0.60	1.0	0.49	0.50	0.50	0.67	0.50
Weight g/m ²	g/m ²	945	1097	1117	875	800	1194	787	925