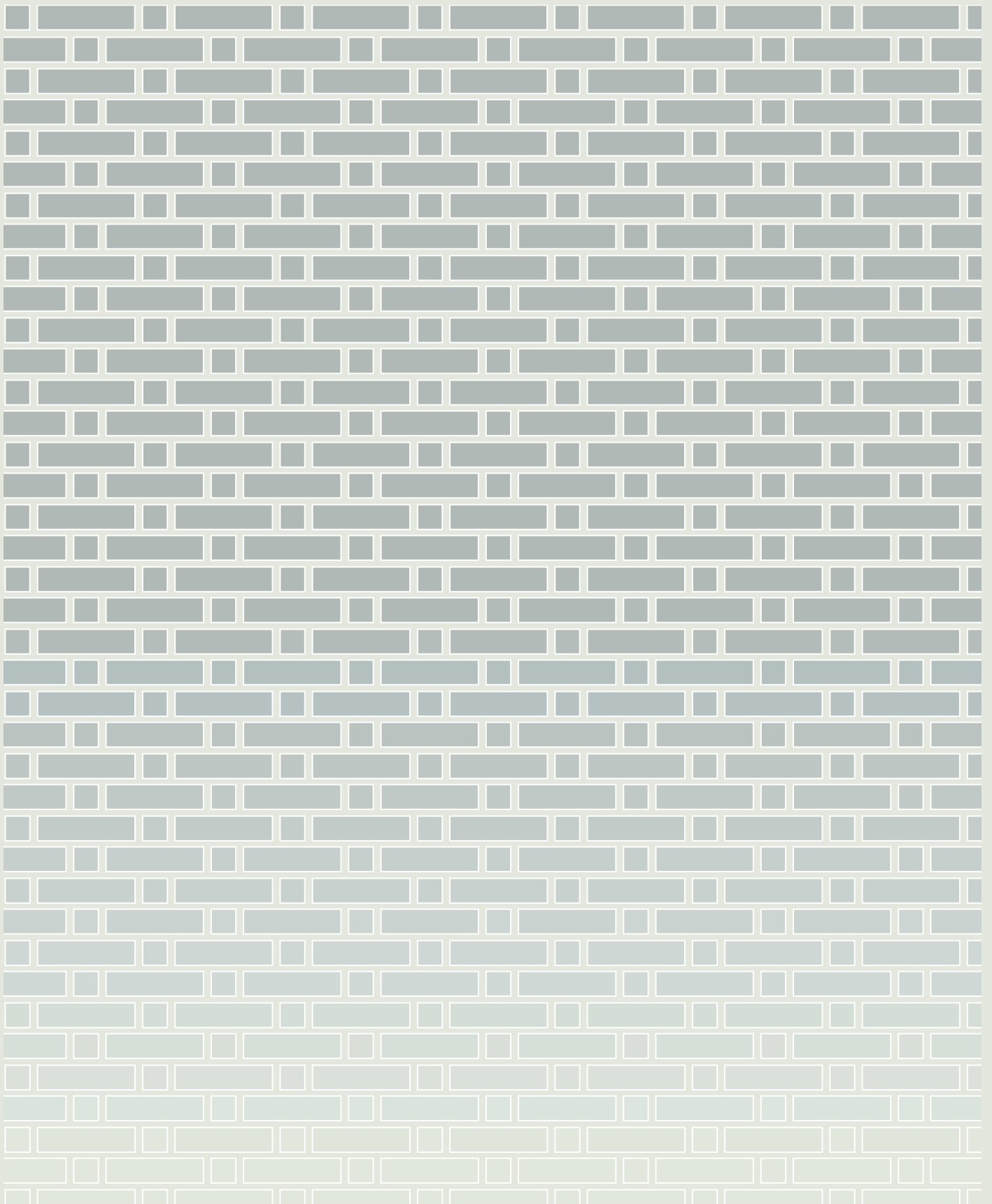




technical filtration fabrics



technical filtration fabrics

Polynova® technical filtration fabrics. Cadisch Precision Meshes is the sole UK agents for Verseidag Techfab GmbH, weavers of the Polynova® range of technical filtration fabrics. These are produced in a wide variety of materials including polyester, polyamide (nylon) and polypropylene. The fabrics are specifically designed to be used in a broad spectrum of applications in industries spanning chemicals, wine and juice production, waste water and sewage treatment, ceramics and food.

Polynova® technical fabrics are made in a variety of weave constructions and permeabilities. Their wide selection makes it possible to provide for any specific application.

fabric specifications: polyamide (E)

quality no.	feature	width (s) (cm)	weight (gm/m ²)	air permeability (L/dm ² /min @ 20mm HW)
1083 PA 6.6		140/170	480	5
1103 PA 6.6		200	150	250
1113 PA 6.6	antistatic	200	150	200
1123 PA 6.6		200	110	70
1133 PA 6.6		200	110	30
1153 PA 6.6		200	110	80
1193 PA 6.6		200	180	160
1212 PA 6.6	elastic	170	220	340
1306 PA 6.6 (9585)	cal.	210	430	250
1363 PA 6.6		140/210/280	400	5
1393 PA 6.6		140	300	30
1396 PA 6.6	cal.	140	300	10
1633 PA 6		100/200	235	630
1646 PA 6.10 (9498)	cal.	140/170	390	400
1656 PA 11	cal.	140/170	280	1200
1666 PA 11	cal.	140/170	300	600
1676 PA 11	cal.	140/170	310	400
1686 PA 11	cal.	170/210/250	370	400
6018 PA 6.10		250	1080	1600
6160 PA 6.10		250/350	1250	1750

fabric specifications: polyester

quality no.	feature	width (s) (cm)	weight (gm/m ²)	air permeability (L/dm ² /min @ 20mm HW)
1723PES	antistatic	230	180	700
1726PES	cal.	230	180	400
1736PES	cal.	175	290	1000
1746PES		250/330	580	300
1756PES		250/330	680	150
1766PES		250/330	750	50
1783PES (9584)		210	330	1000
1813PES		200	350	10
1833PES	antistatic	200	200	180
1843PES		200	190	80
?		200	460	not applicable
?		105	950	7
?		135/270	360	50
?		105/210	1100	10
?		210	140	300
1896PES	cal.	210	140	30
1913PES	antistatic	150	250	150
1936PES	cal.	105/210	1200	25
1943PES		150/210	200	110
1963PES		160	210	30
1966PES	cal.	160	210	10
2216PBT	cal.	170	400	400
2226PBT (9325)	cal.	170	370	250
2256PBT/PVC	cal	180/210	260	80
6048PES		250/350	1380	2400
6059PES		240/280	930	120
6093PES		220/350	1250	1350
6096PES		230/340	1000	2800
6107PES		260/350	1250	1100
6119PES		350	600	1600
6139PES		230	600	1800
6144PES		220	850	70
6147PES		350	1050	1300
6184PES		330	850	600
6185PES		330	530	550
6308PES		250/350	1900	1900
6337PES		220/350	1450	1000
6349PES		350	600	400
6371PES		230/350	1000	4000
6375PES		330	750	900
6377PES		450	850	4200
6391PES		220/350	1450	1600
6461PES		220/350	1130	1300
6532PES		330	780	150
6670PES		220/350	1650	1600
6623PES		330/430	650	1300
6630PES		220/350	1350	1600
6650PES	antistatic	220/350	1040	1600
6715PES		220/350	1390	900
6718PES		250/350	1200	1000
6762PES		250/350	1300	1600
6838PES		230/340	840	2600
6869PES		350	700	900
6912PES		250/350	1000	2200
6927PES		220/350	1600	1200
6954PES		350/550	900	2400
6955PES		350/550	780	4000

fabric specifications: polypropylene (E)

quality no.	feature	width (s) (cm)	weight (gm/m ²)	air permeability (L/dm ² /min @ 20mm HW)
2513 PP (9597)		140/180/280	330	3
2523 PP		140/180	390	10
2526 PP	cal.	140/180	390	5
2603 PP		104	660	30
2613 PP		104/126	1250	20
2623 PP		160	290	80
2626 PP	cal.	160	290	15
2636 PP	cal.	130	740	1
2646 PP	cal.	160	500	5
2656 PP		250/330	430	150
2666 PP		250/330	460	300
2676 PP		250/330	480	50
2685 PP	cal.	190	260	1200
2686 PP	cal.	190	260	600
2696 PP		250/330	450	10
2703 PP		140/280/330	340	5
2713 PP		195/270	300	400
2716 PP	cal.	195/250	300	180
2723 PP		175	250	30
2726 PP		175	250	20
2740 PP	coarse	200	400	not applicable
2750 PP	coarse	140/160	250	not applicable
2763 PP		195/270	270	1200
2765 PP	cal.	195/250	270	300
2766 PP	cal.	195/250	270	600
2773 PP		195/270	310	600
2776 PP	cal.	195	310	400
2786 PP	cal.	180	410	10
2793 PP		130/170	680	not applicable
2806 PP	cal.	180	410	10
2816 PP	cal.	140/180	290	15
2823 PP	spun	140/210/280	510	20
2833 PP	spun	210	340	120
2853 PP		160	500	20
2856 PP		160	500	10
2863 PP		140	280	200
2873 PP		130/160/260	590	20
2876 PP	cal.	130/160/250	590	5
2886 PP	cal.	180	250	100
2893 PP	spun	225	500	20

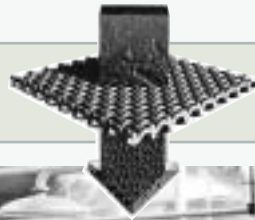
fabric specifications: other fabric types

quality no.	feature	width (s) (cm)	weight (gm/m ²)	air permeability (L/dm ² /min @ 20mm HW)
PA / PES				
6137 PA 6.10 / PES		350	1450	1750
ARAMID 6545	impreg.	290	650	
1503 NOMEX		310	180	40

Polynova® filter belts were developed in close co-operation with machine manufacturers and end-users especially for applications in liquid / solid separation and the dewatering of suspended solids.

These applications include the product extraction in the chemical industry, in metallurgy and mineral mining. Our filter belts are used for extraction of phosphoric acid and fertilizers, for filtration of aluminium hydroxide, for coal washing, as well as for specific filtration in flue gas desulphurization.

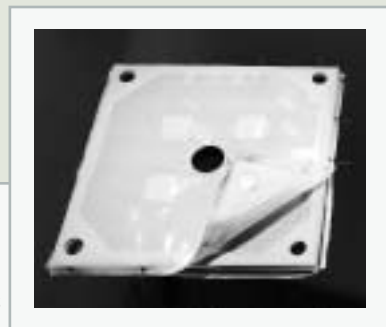
Polynova® fabrics can be converted for use on systems such as vacuum filter belt units, gravity belt thickeners, pan filters, belt presses and fluid bed driers plus many more.



Belt press



Vacuum filter belt

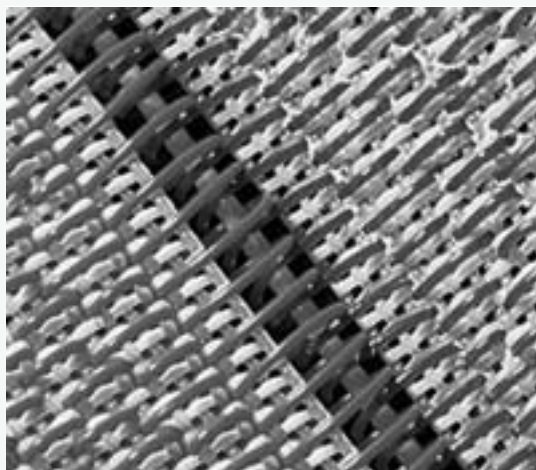


press cloths Polynova® fabrics can be made-up into filter cloths for all types of filter presses. They offer a long service life, easy cake release, excellent dimensional stability and easy cleaning. Within our range are specially designed fabrics to suit specific applications.



filter belt joints / finishing Verseidag Techfab GmbH produce a complete range of connecting joints for all fabrics that are designed for use as filter belts.

The joints are available in a number of forms and materials ranging from wholly synthetic to stainless steel. The synthetic joints can be produced to match the material of the belt. These are generally used for lighter applications, or where the presence of metal is detrimental to the given process. Stainless steel joints are fitted to the heavier range of fabrics and where physical strength is of importance. They are available in the "clipper" and "alligator" styles with a resin-fill protection layer.



All belts are fitted with the optimum joint for their application and come complete with the appropriate joining/pintle wire.

We can also supply joints which are hand woven together on the ends to produce what is, effectively, an endless belt. Such joints are beneficial in areas where a joint line would compromise the finish of the product. It should be noted that it is only possible to fit these belts to machines with available access.

The edges of the belts are produced with a heat seal plus a neoprene/resin fill band where required, to prevent fraying and to reduce wear.

Further information may be obtained by calling our office.



belt seams



1.21
handwoven seam



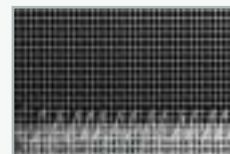
1.32
welded seam with strip



2.11
plastic pin seam



2.13
plastic pin seam
(for coarse fabrics)



2.15
pin seam, sewn on



2.19
special pin seam



2.26
metal clipper seam,
standard



2.23
metal clipper seam,
alligator



2.32
plastic zip fastener

