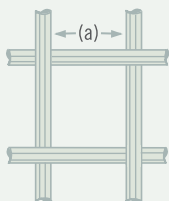


bolting cloth	monodur® nylon normal					monodur® nylon light					monodur® polyester normal					monodur® polyester heavy duty					
old fabric-no. grit gauze	mesh opening in micron	mesh count per cm	open area %	thread diameter in mm	weight g/m <sup>2</sup>	mesh opening in micron	mesh count per cm	open area %	thread diameter in mm	weight g/m <sup>2</sup>	mesh opening in micron	mesh count per cm	open area %	thread diameter in mm	weight g/m <sup>2</sup>	mesh opening in micron	mesh count per cm	open area %	thread diameter in mm	weight g/m <sup>2</sup>	
	2000	3.8	58	630	300						2000	4.0	64	500	265	2000	3.8	58	630	363	
	1900	3.9	56	630	290																
12	1800	4.3	60	530	250																
	1700	4.5	58	530	240																
14	1600	4.9	62	430	175						1600	4.9	61	430	212						
	1500	5.2	60	430	185																
	1400	5.5	59	430	195						1400	5.5	59	430	236	1400	5.3	55	500	350	
16	1320	5.7	57	430	200																
	1250	6.2	60	370	174						1250	6.2	60	370	211						
18	1180	6.4	58	370	177																
	1120	6.7	57	370	181																
	1060	7.0	55	370	185																
20	1000	7.6	58	315	150						1000	7.6	58	325	182	1000	6.2	39	500	430	
22	950	7.9	56	315	154																
	900	8.2	55	315	158						900	8.0	52	300	170						
24	850	8.6	53	315	164																
26	800	9.4	56	270	140						800	9.4	57	270	169						
	750	9.8	54	270	144																
28	710	10.2	52	270	149						710	10.2	52	270	188						
30	670	10.6	51	270	154																
	630	11.1	49	270	160						630	11.1	49	270	181						
32	600	11.5	48	270	165	600	13.3	64	150	74											
34	560	13.0	53	210	117						560	13.5	57	215	160						
36	530	13.5	51	210	121																
38	500	14.0	50	210	125						500	14.0	47	230	174						
40	475	14.7	48	210	132																
42	450	15.2	47	210	136																
44	425	15.8	45	210	140																
46	400	16.4	43	210	145	400	17.1	47	180	123	400	16.4	43	215	175	400	15.4	38	250	255	
48	375	17.1	41	210	155																
50	355	19.4	48	160	112						355	19.4	48	160	155	355	16.0	32	250	285	
52	335	20.2	46	160	115																
54	315	21.0	44	160	120						315	21.0	44	160	145	315	20	39	200	182	
56	300	23.2	49	130	76																
58																					
60	280	24.4	47	130	82						280	24.4	47	130	93						
62																					
64	265	25.3	45	130	86	265	26.0	47	100	61	265	25.0	44	130	95						
66	250	26.3	43	130	89						250	26.3	43	130	99						
68																					
70	236	27.3	42	130	92																
72	224	30.4	46	105	76						224	30.4	46	105	93						
	212	31.5	45	105	78						212	29.0	38	130	108						
	200	32.8	43	105	80						200	32.8	43	105	97						
	190	37.0	50	80	51																
	180	38.5	48	80	53						180	37.0	44	90	90						
	170	40.0	46	80	56																
	160	42.0	44	80	58						160	42.0	45	80	70						
	150	43.5	43	80	59																
	140	45.0	40	80	60						140	45.0	40	80	73						
	132	47.0	39	80	63																
	125	49.0	37	80	66						125	49.0	38	80	80						
	118	51.0	36	80	68						118	56.0	43	60	52						
	112	52.0	34	80	72	112	62.0	48	50	34	112	60.0	45	60	65						
	106	55.0	34	75	60																
	100	56.0	33	75	62	106	60.0	40	60	56	100	56.0	31	70	75						
	95	58.0	31	75	63	95	69.0	48	50	37											
la Qual.	90	60.5	30	75	65						90	68.0	37	55	68						
	85	62.0	28	75	67	85	77	43	45	29											
	80	64.5	27	75	69						80	77.0	38	48	42	80	73.0	34	55	70	70
20																75	68.0	27	70	70	
	71	86.0	37	45	31						71	90.0	41	40	36	71	80.0	32	55	64	64
25						67	104.0	49	30	28											
	63	93.0	34	45	35						63	92.0	37	40	39	63	90.0	32	48	68	68
											60	100.0	36	40	40						
	56	100.0	31	45	38						56	110.0	38	35	33	56	90.0	25	55	72	72
																53	80.0	18	70	100	100
	50	111.0	31	40	27						50	120.0	36	35	35	50	110.0	30	40	45	45
	45	118.0	28	40	30											45	120.0	29	40	48	48
	42.5	122.0	26	40	31																
						40	143.0	33	30	23	40	133.0	28	35	39	40	125.0	25	40	50	50
																37.5	90.0	11	70	104	104
	37.5	129.0	23	40	34	35.5	153.0	29	30	24	35.5	142.0	25	35	41	35.5	130.0	21	40	52	52
	35.5	143.0	25	35	25																
	33.5	147.0	24	35	26																
	31.5	152.0	23	35	27						30	165.0	25	30	40	30.0	150.0	21	35	38	38
	30.0	165.0	25	30	30																
											22.4	180.0	16	30	53						
											20	185.0	15	30	45						
											15	200.0	9	35	48						
	22.4	180.0	16	30	33																
	20	185	14	30	38											10	200.0	4	40	80	80
	15	195	9	30	45											5	220.0	1.2	40	88	88
																3	220.0	0.4	42	88	88

### aperture sizes

Our standard filter cloths range from 2,000 micron to 3 micron aperture, the measurement being made across the square between the insides of adjacent threads, as shown.



### lengths and widths

Full roll length approximately 100 metres but any length can be cut to order.  
Our standard stock width is 1m and 1.5m but other widths are often available or may be woven to special order.

please note: 1 micron = 1/1000th part of 1 millimetre



physical properties	polyamide	polyester (6.6 nylon)	polyethylene	polypropylene	polyvinylchloride (PVC)
max working temp.°C	100	150	60	70	60
short term working temp.°C	150	180	90	100	70
melting point °C	255	256	120	165	150
softening point °C	235-240	230	110	150	70
specific gravity	1.14	1.38	0.95	0.92	1.38
tensile strength N/mm2	70-100	95-130	50-60	22-55	20-40
elongation to break %	15-25	10-20	15-30	15-30	14-60
moisture absorption % at 20°C	3.5-4.5	0.4	0	0	0-0.2
U.V. resistance	Fair	Good	Poor	Low	V.Good
abrasion resistance	V.Good	V.Good	Poor	Average	Poor
<b>chemical properties at 20°C*</b>					
acetic acid, conc.	–	✓	✓	✓	✓
sulphuric acid 20%	–	✓	✓	✓	?
nitric acid 10%	–	?	✓	✓	✓
hydrochloric 25%	–	?	✓	✓	?
sat. sodium carbonate	✓	✓	✓	✓	?
chlorine Conc.	–	✓	✓	?	✓
caustic soda 25%	?	–	✓	✓	?
ammonia, conc.	✓	–	✓	✓	?
potassium permanganate	–	✓	✓	?	?
formaldehyde, conc.	✓	✓	✓	✓	?
chlorinated hydrocarbons	✓	✓	?	?	?
benzene	✓	✓	?	?	–
phenol	–	?	?	?	–
ketones, acetone	✓	✓	?	?	?

✓ recommended

? conditional

– unsatisfactory

\* resistance is generally lower at higher temperature.