



S E F A R



Sefar comparative table of bolting cloth

SEFAR COMPARATIVE TABLE OF BOLTING CLOTH

Opening		Synthetic Monofilament Screen Cloth										Standard Testing Screens				Wire Cloth				Opening		
Microns	Inches	Nylon					Polyester					U.S.		Tyler		Market Grade	Mill Grade	SSBC	Wire Diameter	% Open Area	Inches	Microns
		Double XX	Leno Weave	Milling Forte	Triple XXX	ASTM	Nylon GG	Mesh per Inch	% Open Area	Diameter (Warp)	Diameter (Weft)	Designation	Polyester GG	Mesh Per Inch	% Open Area							
11,328	0.4460																		0.0540	79.6	0.4460	11,328
11,100	0.4370																		0.0630	76.4	0.4370	11,100
7,420	0.2921																		0.0410	76.7	0.2921	7,420
7,087	0.2790																		0.0540	70.1	0.2790	7,087
5,664	0.2230																					
5,460	0.2150																					
5,156	0.2030																					
5,000	0.1969																					
4,749	0.1870																					
4,270	0.1681																					
4,039	0.1590																					
4,000	0.1575																					
3,987	0.1570																					
3,530	0.1390																					
3,360	0.1323																					
3,300	0.1299																					
2,920	0.1150																					
2,819	0.1110																					
2,540	0.1000																					
2,464	0.0970																					
2,400	0.0945																					
2,380	0.0937																					
2,240	0.0882																					
2,030	0.0799																					
2,000	0.0787																					
1,905	0.0750																					
1,855	0.0730																					
1,800	0.0709																					
1,680	0.0661																					
1,659	0.0653																					
1,600	0.0630																					
1,550	0.0610																					
1,580	0.0622																					
1,524	0.0600																					
1,410	0.0555																					
1,400	0.0551																					
1,371	0.0540																					
1,358	0.0535																					
1,320	0.0520																					
1,295	0.0510																					
1,250	0.0492																					
1,191	0.0469																					
1,190	0.0469																					
1,180	0.0465																					
1,130	0.0445																					
1,120	0.0441																					
1,000	0.0394																					
1,041	0.0410																					
1,030	0.0406																					
1,000	0.0394																					
980	0.0386																					
977	0.0385																					
950	0.0374																					
910	0.0358																					
900	0.0354																					
869	0.0342																					
864	0.0340																					
850	0.0335																					

SEFAR COMPARATIVE TABLE OF BOLTING CLOTH

[illegible]

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Opening		Synthetic Monofilament Screen Cloth												Standard Testing Screens				Wire Cloth				Opening		
Inches	Microns	Double XX	Leno Weave	Milling Forte	Triple XXX	Nylon				Polyester				U.S.		Tyler		Market Grade	Mill Grade	SSBC	Wire Diameter	% Open Area	Inches	Microns
						ASTM	Nylon GG	Mesh per inch	% Open Area	Diameter (Warp)	Diameter (Weft)	Designation	Polyester GG	Mesh Per Inch	% Open Area	Diameter (Warp)	Diameter (Weft)							
300	0.0118			PA-3MF					59.5	51	122	122	3-300/51									0.0118	300	
300	0.0118			PA-3HD					49.5	34	215	215	3-300/34									0.0118	300	
285	0.0112																					0.0112	285	
282	0.0111																					0.0111	282	
280	0.0110	PA-4XX							64.8673	53	100+2x60	100	3-280/53									0.0110	280	
280	0.0110			PA-4MF					63.5	51	120	120	3-280/51									0.0110	280	
280	0.0110				PA-4XXX				60.5	45	155	155	6-280/45									0.0110	280	
275	0.0108								61.2	44	155	155	6-275/44									0.0110	280	
269	0.0106																					0.0108	275	
265	0.0104																					0.0106	269	
260	0.0102																					0.0104	265	
259	0.0102																					0.0102	260	
255	0.0100																					0.0102	259	
255	0.0100	PA-5XXX							67.3	46	120	120	3-255/46									0.0100	255	
250	0.0098																					0.0100	255	
250	0.0098	PA-5XX																				0.0098	250	
250	0.0098			PA-5MF					68.9737	51	100+2x60	90	3-250/51									0.0098	250	
250	0.0098								72.5	51	100	100	3-250/51									0.0098	250	
249	0.0098								58.4	34	180	180	6-250/34									0.0098	250	
243	0.0096																					0.0096	249	
240	0.0094																					0.0096	243	
236	0.0093								71.1	44	122	122	3-240/44									0.0094	240	
233	0.0092								71.1	44	122	122	3-236/44									0.0093	236	
233	0.0091																					0.0092	233	
231	0.0091																					0.0091	231	
225	0.0089																					0.0091	231	
225	0.0089								73.7	42	122	122	3-225/42									0.0089	225	
224	0.0088																					0.0089	225	
224	0.0088																					0.0088	224	
213	0.0084	PA-6XX																				0.0088	224	
210	0.0083				PA-6XXX				81.3762	49	90+2x60	80	3-212/49									0.0088	224	
210	0.0083								76.2	40	122	122	3-210/40									0.0088	224	
210	0.0083																					0.0083	213	
210	0.0083																					0.0083	212	
210	0.0083																					0.0083	210	
210	0.0083																					0.0083	210	
202	0.0080																					0.0083	210	
200	0.0079	PA-7XX	PA-7LW						85.190.7	48	80+2x60	80	3-200/48									0.0080	202	
200	0.0079			PA-7MF					82.5	44	105	105	3-200/44									0.0079	200	
200	0.0079				PA-7XXX																	0.0079	200	
200	0.0079								76.2	39	122	122	3-200/39									0.0079	200	
198	0.0078																					0.0079	200	
180	0.0071	PA-8XX	PA-8LW						90.7/101.6	46	80+2x60	70	3-180/46									0.0078	198	
180	0.0071			PA-8MF					92.5	43	93	93	3-180/43									0.0071	180	
178	0.0070																					0.0071	180	
177	0.0070																					0.0070	178	
177	0.0070								83.8	34	125	125	3-177/34									0.0070	177	
175	0.0069				PA-8XXX				91.4	39	105	105	3-175/39									0.0070	177	
165	0.0065																					0.0069	175	
160	0.0063	PA-8.5XX																				0.0069	175	
160	0.0063			PA-8.5MF					101.6/110.5	44	70+2x60	70	3-160/44									0.0065	165	
160	0.0063																					0.0063	160	
160	0.0063				PA-8.5XXX				95.3	37	105	105	3-160/37									0.0063	160	
150	0.0059	PA-9XX	PA-9LW						108.0/120.9	44	70+2x60	60	3-150/44									0.0063	160	
150	0.0059			PA-9MF					109.0	42	80	80	3-150/42									0.0059	150	
150	0.0059				PA-9XXX				104.1	38	95	95	3-150/38									0.0059	150	
147	0.0058																					0.0059	150	
140	0.0055	PA-9.5XX	PA-9.5LW						109.2/127.0	42	60+2x60	60	3-140/42									0.0059	150	
140	0.0055			PA-9.5MF					114.5	41	80	80	3-140/41									0.0059	150	
140	0.0055				PA-9.5XXX				111.8	37	95	95	3-140/37									0.0055	140	
132	0.0052	PA-10XX	PA-10LW						119.4/132.1	44	60+2x60	60	3-132/44									0.0055	140	
132	0.0052			PA-10MF					124.5	43	75	75	3-132/43									0.0052	132	
132	0.0052				PA-10XXX				114.3	40	83	83	3-132/40									0.0052	132	
130	0.0051																					0.0052	132	
125	0.0049	PA-10.5XX	PA-10.5LW						123.2/137.2	40	60+2x60	60	3-125/40									0.0051	130	
125	0.0049			PA-10.5MF					129.5	41	70	70	3-125/41									0.0049	125	
125	0.0049				PA-10.5XXX				125	37	85	85	3-125/37									0.0049	125	

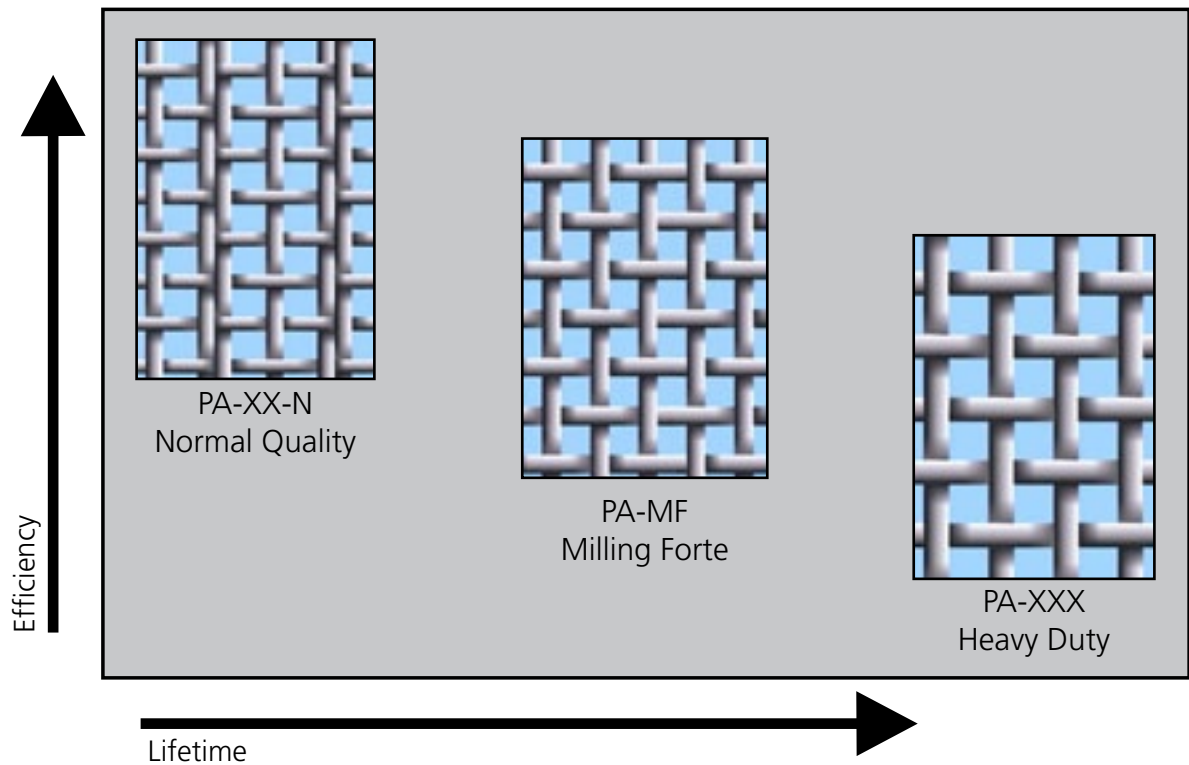
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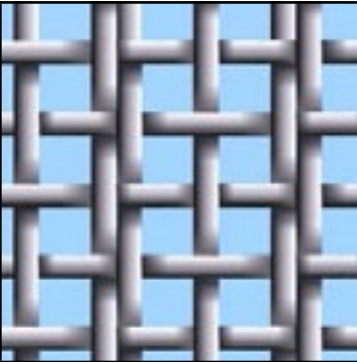
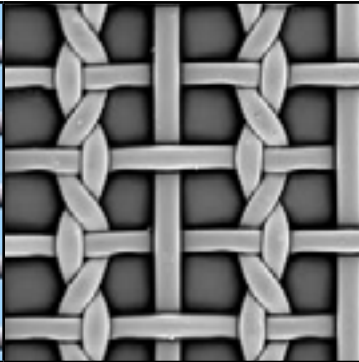
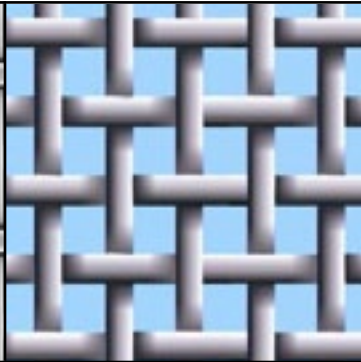
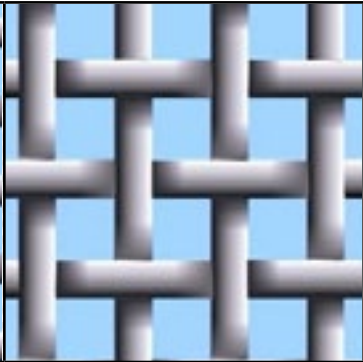
Opening		Synthetic Monofilament Screen Cloth												Standard Testing Screens				Wire Cloth				Opening								
Microns	Inches	Nylon						Polyester						U.S.		Tyler		Market Grade	Mill Grade	Mesh	SSBC	Wire Diameter	% Open Area	Inches	Microns					
		Double XX	Leno Weave	Milling Forte	Triple XXX	ASTM	Nylon GG	Mesh per Inch	% Open Area	Diameter (Warp)	Diameter (Weft)	Designation	Polyester GG	Mesh Per Inch	% Open Area	Diameter (Warp)	Diameter (Weft)									Designation	U.S. Standard	U.S. Wire Diameter	Tyler Test Sieves	Tyler Wire Diameter
120	0.0047	PA-11XX	PA-11LW					128.3/151.1	42	60*2x50	50	3-118/42											120			145	0.0022	46.4	0.0047	120
118	0.0046			PA-11MF				134.5	41	70	70	3-118/41															0.0037	30.7	0.0046	118
112	0.0044	PA-12XX	PA-12LW					130.8/156.2	40	60*2x50	50	3-112/40																	0.0044	112
112	0.0044			PA-12MF				146	42	60	60	3-112/42																	0.0044	112
112	0.0044				PA-12XXX			140.0	37	70	70	3-112/37																	0.0044	112
107	0.0042																									165	0.0019	47.1	0.0042	107
106	0.0042																												0.0042	106
103	0.0041																						150				0.0026	37.4	0.0041	103
100	0.0039	PA-13XX	PA-13LW					144.8/169.4	38	60*2x50	50	3-100/38																	0.0039	100
100	0.0039			PA-13MF				152.5	39	60	60	3-100/39																	0.0039	100
100	0.0039				PA-13XXX			144.8	32	77	77	3-100/32																	0.0039	100
95	0.0037	PA-14XX						155/175	38	50*2x43	50	3-95/38																	0.0037	95
95	0.0037				PA-14XXX			153.9	33	77	77	3-95/33																	0.0037	95
90	0.0035																												0.0035	90
86	0.0034																									200	0.0016	46.2	0.0034	86
85	0.0033	PA-15XX						165.1/188.0	34	50*2x43	50	3-85/34											180				0.0023	34.7	0.0033	85
75	0.0030	PA-20XX						177.8/215.1	34	50*2x43	43	3-75/34																	0.0030	75
73	0.0029																									230	0.0014	46.0	0.0029	73
73	0.0029																										0.0021	33.6	0.0029	73
63	0.0025	PA-25XX						188.1/238.8	30	43*2x43	43	3-63/30																	0.0025	63
62	0.0024																						250				0.0016	36.0	0.0024	62
53	0.0021																						270				0.0016	32.2	0.0021	53
48	0.0019																						325				0.0014	38.1	0.0019	48
45	0.0018																												0.0018	45
38	0.0015																												0.0015	38

Useful information

Mesh = 1/(D+O) D = Wire Diameter (in inches) O = Opening (in inches)
Percent of Open Area = 1 - (Mesh Count x wire diameter)2 x 100
Opening = 1/M - D M = Mesh Count D = Wire Diameter

SEFAR NYTAL® for flour sieves



			
PA-XX is used for soft wheat, biscuit and rye flour • rough surface • high percentage open area • excellent sieving efficiency	PA-LW is used for soft wheat, biscuit and rye flour • roughest fabric surface • high percentage open area • best sieving efficiency • works well for sticky stocks	PA-MF is used on metal sifter frames, where it is replacing the PA-XX/N quality • best possible durability combined with high sieving efficiency	PA-XXX fabrics are used for harder types of wheat and Durum • long lifetime • good abrasion resistance

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