



Acrylic Grades

Microglass filtration media grades specifically designed to achieve the highest dirt holding while maintaining a low pressure differential in a pleated configuration. These grades are optimal when co-pleated with multiple support layers and can be used as the sole efficiency and dirt holding layer or in conjunction with a separate pre-filter. The LyPore® Defender series is available in standard acrylic latex binder or optional epoxy binder for more demanding fluid and temperature requirements.

US Units						
Property	Units	9003	9006	9010	9020	9276-LS
Description		3μ	6μ	10μ	20μ	Pre-Filter
β=200	micron	<4	7.1	13	20.0	47
β=1000	micron	4.0	8.7	15.7	-	-
Basis Weight	lbs/3000 sf	52	53	52	66	48
Thickness	mils	21	21	23	26	18
MFP	micron	2.7	6	9.8	19	19.4
Max Pore	micron	6.5	18	24.4	38	59
Air Resistance	mm H2O	20	7	4.0	2.3	1.1
Dirt Holding @ 2 Bar	g/in2	83	88	99	121	101
Dirt Holding @ 5Bar	g/in2	140	129	138	153	-
Metric Units						
Property	Units	9003	9006	9010	9020	9276-LS
Description		3μ	6μ	10μ	20μ	Pre-Filter
β=200	micron	<4	7.1	13	20.0	47
β=1000	micron	4.0	8.7	15.7	-	-
Basis Weight	g/m2	87	88	87	110	80
Thickness	mm	0.51	0.51	0.56	0.64	0.44
MFP	micron	2.7	6	9.8	19	19.4
Max Pore	Micron	6.5	18	24.4	38	59
Air Resistance	Pa	196	69	39	23	10.8
Dirt Holding @ 2 Bar	g/m2	130	137	155	189	158
Dirt Holding @ 5Bar	g/m2	218	200	215	238	-