



## Epoxy Grades

Epoxy bound microglass filtration media grades specifically designed to achieve the highest dirt holding while maintaining a low pressure differential in a pleated configuration. LyPore® Defender microglass filtration media 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 epoxy binder is ideal for the most demanding fluid and temperature requirements.

US Units					
Property	Units	9003-X	9006-X	9010-X	9109-1
Description		3μ	6μ	10μ	20μ
Beta <sub>4μ</sub>	micron	>5000			
β=200	micron		6.5	12.8	19.8
β=1000	micron		7.6	16.1	25
Basis Weight	lbs/3000 sf	55	50	50	61
Thickness	mils	21	22	23	25
MFP	micron	4.3	5.5	10.3	17
Max Pore	micron	14	16	28	40
Air Resistance	mm H2O	20	7.4	3.8	2.5
Dirt Holding @ 2 Bar	g/in2	81	90	112	122
Dirt Holding @ 5Bar	g/in2		132	144	165
Metric Units					
Property	Units	9003-X	9006-X	9010-X	9109-1
Description		3μ	6μ	10μ	20μ
Beta <sub>4μ</sub>		>5000			
β=200	micron		6.5	12.8	19.8
β=1000	micron		7.6	16.1	25
Basis Weight	g/m2	92	83	83	102
Thickness	mm	0.51	0.54	0.56	0.61
MFP	micron	4.3	5.5	10.3	17
Max Pore	Micron	14	16	28	40
Air Resistance	Pa	196	73	37	25
Dirt Holding @ 2 Bar	g/m2	125	139	175	190
Dirt Holding @ 5Bar	g/m2		205	225	258