

LydAir[®] MG

HEPA AIR FILTRATION MEDIA

Partners
in performance



Applications

- Disc Drive Filtration
- Prefilter for HEPA Systems
- Hospital Air Filtration
- Pharmaceutical Processing
- Chemical Processing

Prefilter/95% DOP

LydAir[®] MG Prefilter glass microfiber media produce efficiencies ranging from 86.0% to 98.5% at 0.3 microns. Specially engineered to provide the highest available efficiency at a minimal resistance to air flow, LydAir MG is chosen for applications where guaranteed efficiency and consistency is a must and reduced energy costs can provide a distinguishable competitive advantage.

- Characterized by exceptional strength and excellent run-ability under the most critical conditions
- Used as a prefilter, can significantly extend HEPA/ULPA system life expectancy
- Available with a choice of laminated surfaces

2991 Typical Properties						
Typical Properties	US Customary Units		SI Units		Reference Test Methods	
Basis Weight	47	lbs/3000 ft ²	76	g/m ²	T.A.P.P.I. - T - 410 A.S.T.M. - D - 646	
Thickness (7.3psi / 50 kPa)	14	mils	15	mm	T.A.P.P.I. - T - 411	
Tensile	MD	6000	g/inch	60	N/inch	T.A.P.P.I. - T - 494
	CD	1700	g/inch	17	N/inch	T.A.P.P.I. - T - 494
Stiffness, MD	900	mg	900	mg	T.A.P.P.I. - T - 543	
LOI	11	%	11	%	T.A.P.P.I. - T - 413	
Penetration (0.3µm DEHS @ 5.33 cm/s)	6	%	6	%	MIL - STD - 282 A.S.T.M. - D2986-91	
Air Resistance (5.33 cm/s)	11	mm	108	Pa	MIL - STD - 282 A.S.T.M. - D2986-91	
Water Repellency	17	Inches	432	mm	MIL - STD - 282	

Note: All product data is nominal and does not represent a specification. All data and statements concerning these products may be considered as being indicative of representative properties and characteristics obtainable. We make no warranty, expressed or implied, concerning actual use or results because of industry specific influences.