



Grade 4708

HEPA Air Filtration

LydAir® MG High Alpha HEPA air filtration media are engineered for use in a wide range of absolute clean air applications. 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.

Typical Properties	USA Units		Metric Units		Test Methods
Basis Weight	42	lbs/3000 ft ²	68	g/m ²	T.A.P.P.I. – T-410 A.S.T.M. – D-646
Caliper 8psi	13	mils	0.33	mm	T.A.P.P.I. – T-411
Tensile					
MD	4000	gms/inch	4000	gms/inch	T.A.P.P.I. – T-494
CD	1100	gms/inch	1100	gms/inch	T.A.P.P.I. – T-494
Stiffness, MD	1100	mgs	1100	mgs	T.A.P.P.I. – T-543
LOI	6	%	6	%	T.A.P.P.I. T-413
DOP	.021	%	0.021	%	MIL-STD-282 A.S.T.M. – D2986-91
Resistance	30.0	mm	294	Pa	MIL-STD-282 A.S.T.M. – D2986-91
Water Repellency	27.0	Inches	686	mm	MIL-STD-282

Features/Advantages:

- Custom-engineered to meet specific applications
- Available for:
 - Manual or fully automatic pleating operations
 - Deep- or mini-pleat applications

Applications:

- Chemical Processing
- Clean and Bio-Safety Benches
- Clean Rooms
- Commercial/Industrial/Institutional HVAC
- Micro and Mini-Environments
- Personal Respirators
- Pharmaceutical and Semiconductor Manufacturing
- Room Air Purifiers