Rev. Date: 07/25/2007

LydAir® MG

Grade 3398

HEPA Air Filtration

LydAir® MG HEPA air filtration media are engineered for use in a wide range of commercial/industrial fliter applications where hepa (99.97%+) efficiency air filtration is required. 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	Standard Units		Metric Units		Test Methods
Basis Weight	55	lbs/3000 ft²	91	g/m²	T.A.P.P.I. – T-410 A.S.T.M. – D-646
Caliper 8psi	17	mils	.43	mm	T.A.P.P.I. – T-411
Tensile					
MD	3800	gms/inch	3800	gms/inch	T.A.P.P.I. – T-494
CD	1800	gms/inch	1800	gms/inch	T.A.P.P.I. – T-494
Stiffness, MD	1000	mgs	1000	mgs	T.A.P.P.I. – T-543
LOI	6	%	6	%	T.A.P.P.I. T-413
DOP	.014	%	.014	%	MIL-STD-282 A.S.T.M. – D2986-91
Resistance	35.5	mm	348	Pa	MIL-STD-282 A.S.T.M. – D2986-91
Water Repellency	30	Inches	762	mm	MIL-STD-282

Features/Advantages:

- Custom-engineered to meet specific applications
- Characterized by exceptionally high strength and excellent runability under the most critical conditions
- Available for:
  - Manual or fully automatic pleating operations
  - Deep- or mini-pleat applications

Applications:

- Clean Rooms for Microelectronic Component Manufacture and Assembly
- Nuclear Containment
- Hospital Operating Rooms
- Genetic Research
- Pharmaceutical Processing
- Aerospace
- Photographic Film Manufacturing
- Personal Respirators
- Mainframe Computers
- Abatement of hazardous materials

www.lydallfiltration.com **Telephone: 603-332-4600** **E-Mail: info@lydall.com**