



C&M Filtration Solutions Ltd.

Manufactures and markets various synthetic composite air filter media for home appliances filters (room air purifier, vacuum cleaner, ventilation system) and automotive cabin filters, ranging from middle efficiencies to HEPA (G4-H14)

HOME APPLIANCE PLEATABLE SYNTHETIC HEPA

Eco-Star™ Series

The high value for money odorless and VOC free thermalbond backer used for the lamiated media offers highest economic value to the media users

Filtration Class		H10	H11	H12	H13	H14
Grade Name		H10-70KHZ	H11-70KHZ	H12-70KHZ	H13-70KHZ	H14-70KHZ
Basis Weight (+/-10%)	gsm	91	91	95	98	102
Thickness (+/-10%)	mm	0.60	0.60	0.61	0.64	0.68
NaCl Efficiency (Average)	%	90	97	99.5	99.97	99.995
Air Resistance (+/-15%)	pa	10	13	21	31	45

Opti-Pleat™ Series

The high stiffness orodorless and VOC free spunbond backer offers the lamiated media perfect pleating geometry on varied pleaters

Filtration Class		H10	H11	H12	H13	H14
Grade Name		H10-60KHO	H11-60KHO	H12-60KHO	H13-60KHO	H14-60KHO
Basis Weight (+/-10%)	gsm	81	81	85	88	92
Thickness (+/-10%)	mm	0.56	0.56	0.57	0.60	0.64
NaCl Efficiency (Average)	%	90	97	99.5	99.97	99.995
Air Resistance (+/-15%)	pa	9	12	20	30	44

Max-Flow™ Series

The ultra thin orodorless and VOC free thermalbond backer allows the laminated media to achieve the maximum flow of the finished filter by maximizing the space among pleats, thus the highest CADR

Filtration Class		H10	H11	H12	H13	H14
Grade Name		H10-70KHN	H11-70KHN	H12-70KHN	H13-70KHN	H14-70KHN
Basis Weight (+/-10%)	gsm	91	91	95	98	102
Thickness (+/-10%)	mm	0.46	0.46	0.47	0.50	0.54
NaCl Efficiency (Average)	%	90	97	99.5	99.97	99.995
Air Resistance (+/-15%)	pa	9	12	20	30	44

Remarks:

Test Equipment	TSI8130
Test Condition	5.3cm/sec (32lpm) NaCl 0.26micron Thickness test pressure: 500pa Test Area:100cm ²
Maximum Roll Width	1.82m

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