

Ultima GEL

Liquid Seal Absolute Laminar Flow Filters

Typical Applications

To be used for absolute air filtration in controlled contamination environments, clean rooms, laminar flow benches and operating theatres using GEL seal

TECHNICAL CHARACTERISTICS

MEDIA = Glass fibre paper

SEPARATORS = Hot melt gluing.

SEALANT = Two components cold moulded polyurethane.

FRAME = Extruded Aluminium

GASKET = Polyurethane Gel

GRIDS = Both Sides

Efficiency

CEN-EN 1822 FILTRATION CLASS		
CLASS	Filters global efficiency % for MPPS particles	Local Efficiency % for MPPS particles
H11	≥ 95 %	-
H13	≥ 99.95 %	99.75
H14	≥ 99.995 %	99.975
U15	≥ 99.9995 %	99.998

Recommended Final Pressure Drop <600Pa
Maximum Final Pressure Drop <1000Pa

TEMPERATURE = 80°C max.

RELATIVE HUMIDITY = 100% max.

TESTING = Each filter tested, and certificates are available on request

ENVIRONMENT



EMS 81914
BS EN ISO 14001:2004

QUALITY

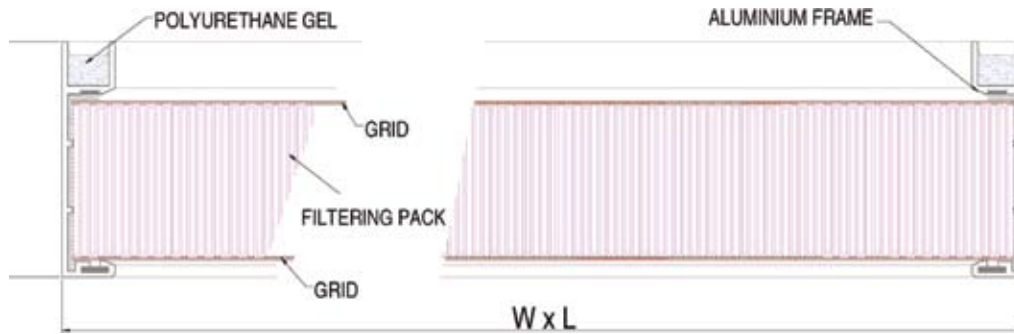


FM 29257
BS EN ISO 9001:2000

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ULTIMA GEL STANDARD SIZES



TO SPECIFY YOUR GRADE INSERT EITHER H11, H13 OR H14 IN THE PART NUMBER _ _ SPACE - FOR EXAMPLE UHV13242412

Part Number	Dimensions			Flow rate m ³ /h	Filtering surface m ²	Initial Pressure Drop Pa				Volume m ³	Weight kg
	H mm	W mm	D mm			H11	H13	H14	U15		
UMG__1212	305	305	80	150	2.7	70	110	120	140	0.007	2.7
UMG__1818	457	457	80	335	6.2	70	110	120	140	0.017	3.8
UMG__1224	305	610	80	300	5.5	70	110	120	140	0.015	4.4
UMG__1824	457	610	80	450	8.2	70	110	120	140	0.22	5.2
UMG__1812	457	305	80	225	4.1	70	110	120	140	0.011	3.3
UMG__2424	610	610	80	600	11	70	110	120	140	0.03	7.7
UMG__2436	610	915	80	900	16.5	70	110	120	140	0.45	11
UMG__2448	610	1219	80	1200	22	70	110	120	140	0.59	13
UMG__2460	610	1524	80	1500	27.5	70	110	120	140	0.74	18
UMG__2772	610	1829	80	1800	33	70	110	120	140	0.89	21
UMG__3012	762	305	80	375	6.9	70	110	120	140	0.19	6
UMG__3024	762	610	80	750	13.7	70	110	120	140	0.37	10
UMG__3030	762	762	80	950	17.1	70	110	120	140	0.46	11
UMG__3036	762	914	80	1125	20.6	70	110	120	140	0.56	12
UMG__3048	762	1219	80	1500	27.5	70	110	120	140	0.74	17.5
UMG__3060	762	1524	80	1875	34.4	70	110	120	140	0.93	21
UMG__3072	762	1829	80	2250	41.2	70	110	120	140	0.111	26
UMG__3612	914	305	80	450	8.2	70	110	120	140	0.22	7.2
UMG__3636	914	914	80	1350	24.8	70	110	120	140	0.67	16
UMG__3648	914	1219	80	1800	33	70	110	120	140	0.89	21
UMG__3660	914	1524	80	2250	41.3	70	110	120	140	0.111	22.5
UMG__3672	914	1829	80	2700	49.5	70	110	120	140	0.134	31
UMG__2222	545	545	80	500	9.5	70	110	120	140	0.24	7.2
UMG__2242	545	1155	80	1000	19	70	110	120	140	0.5	12.5

