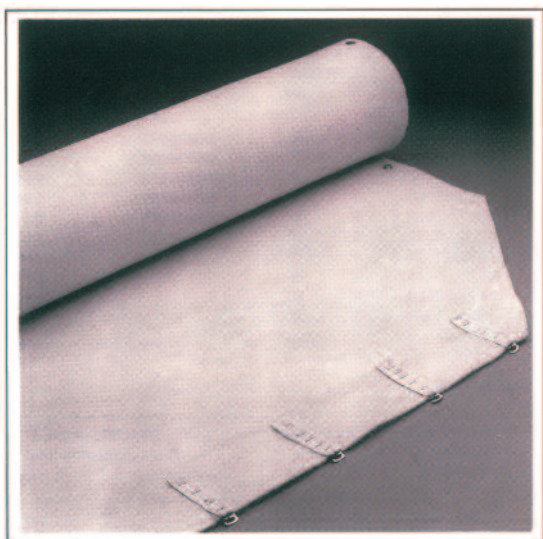


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## Roll media & Cut Pads



### Applications

Email Air Handling roll filter media are available as loaded spools, for the servicing of automatic roll filter units. To accommodate a wide variety of roll filter sizes and manufacturers, Email roll media is available in a range of spool types, widths and stud attachments.

Where required Email Air Handling can give advice on the replacement of Automatic Roll Filters, with panel and bag filters using filter frames.

Roll media is typically used in Autoroll units for limited operating period or low occupancy establishments such as small offices, clubs, hotels, shops and function rooms.

Media is also available as cut pads that are suitable for Email re-loadable frames or cut to customer requirements. The Email medias that are suitable for cut-pads have been specially developed for the air intakes and extracts of HVAC units and can be used in selected mechanical and process applications. This includes media suitable for use in paint spray booths and kitchen hoods.

### Description

The Email roll media products are manufactured from synthetic fibres to a carefully controlled and uniform density and texture. For Autoroll media, backing scrim is bonded to the downstream surface of the media in order to provide the reinforcement necessary for transport of the media across the filter aperture. Autoroll media is supplied wound upon a metal spool ready for direct installation within the roll filter. Various spool designs are represented to exactly suit the installation and drive features appropriate to all the differing designs and makes of roll filters into which Email roll media can be installed. Refills suitable for either 'standard' or 'reverse' flow versions of the various roll filter types are available also.

## Roll media performance chart

General Details				No. 1 Test Dust			No.2 Test Dust			No. 4 Test Dust		
Media Type Code	Nominal Roll Sizes L x W x T	Part Number	Velocity m/s	Res. Pa.	Min.% Efficiency	Peak % Efficiency	Res. Pa.	Dust Held per M2	Average % Efficiency	Res. Pa.	Dust Held per M2	Average % Efficiency
E Disposable	50mt 1520 x 10mm	1516-1538/8	1.8				22	250 g	19%	22	288 g	54%
K Washable	40mt 1520 x 10mm	1516-1538/13	0.5				5	2995 g	95%			
			0.8				8	3886 g	95%			
			1				13	4413 g	89%			
			1.8				32	277 g	21%	32	350 g	65%
			2.5				41	286 g	54%			
J Washable	20mt 1520 x 20mm	1516-1538/6	1.8 2.5				30 65	10064 g 4188 g	58% 59%	30 65	562 g 207 g	71% 59%
DGH20 Disposable	20mt 1520 x 20mm	1516-1538/7	1.8 2.5	55	20%	28%	55	2212 g	92%	55	244 g	83%
HG Disposable	20mt 1520 x 20mm	1516-1538/7/O	1.8				77	1542 g	92%			
P Email* Auto-roll Disposable	3 ft x 20 mt	1516-1209/1	2.5	72	24%	25%	72	1457 g	98%	72	372 g	90%
	4 ft x 20 mt	1516-1209/2	2.5	72	24%	25%	72	1457 g	98%	72	372 g	90%
	5 ft x 20 mt	1516-1209/3	2.5	72	24%	25%	72	1457 g	98%	72	372 g	90%
	6 ft x 20 mt	1516-1209/4	2.5	72	24%	25%	72	1457 g	98%	72	372 g	90%
T Disposable	40mt 1520 x 13mm	1516-1538/18	1.8							34	484 g	73%
F5 Disposable	30mt 1200 x 20mm	1516-1538/40	1.8	55	21%	63%					511	90%
VNF600 Disposable	20mt 1700 x 22mm	52510-380	0.25	24	25%	52%				24	332 g	98%
	20mt 2100 x 22mm	52510-360	0.25	24	25%	52%				24	332 g	98%

\*1) VOKES replacement spool type, replace '1209' code with '2250' i.e 3ft x 20mt = 1516-2250/1

2) Other spool sizes also available to suit Camfil/Farr, AAF and other manufacturers. Contact your AES sales office for more information. Since product improvement is a continuing AES Environmental policy, the above results are subject to change without notice.

## Performance

Email roll media is manufactured in a range of efficiencies and dust holding capacities, with fibre densities that give varying pressure drops for any particular air flow capacity.

More detailed performance data can be supplied on request. Email Air Handling products are tested by a NATA-accredited testing laboratory that tests air filters to Australian Standard AS1324.2.4.5: Air Filter Performance.



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Bulletin no. 8A.11.05AES97REV4