

## INTRODUCTION

Vokes reloadable filter frames are suitable for air handling and ventilating systems, where replaceable filter pads are preferred to panel filters. They are designed to contain either VOKES Veeglass or Veeglass (FR) fire resistant filter media, available as pads cut to suit filter frames or as bulk rolls.

## RELOADABLE FRAMES

VOKES reloadable frames are fabricated from mild steel, with a black electro-phoretic paint finish to give excellent corrosion resistance. Filter pads are readily located in a deep recess, held in position against a retaining mesh on the downstream side. Available in a range of eight frame sizes either 25mm (1in) or 50mm (2in) deep, reloadable frames are ideal for applications with high moisture levels or high air velocities. VOKES reloadable frames are equally suitable for use with either VOKES Veeglass or Synthetic filter media.

## VEEGLASS MEDIA

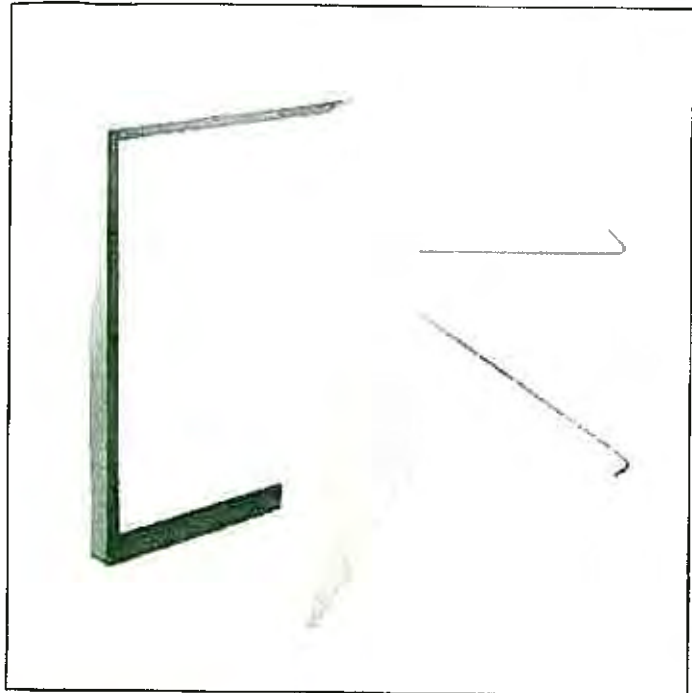
Veeglass media is manufactured as a continuous glass filament, specially developed for air filtration applications. The media has multi stage filtration characteristics, with an open structure on the upstream face, graduating in density to an integral laminate backing on the downstream side.

The open structure of the upstream face discourages surface loading and promotes depth filtration, ensuring a high dust holding capacity and minimising resistance to air flow. The denser backing provides fine filtration, minimising the carry-over of media fibres and collected dirt.

The layered construction of Veeglass enhances stability and rigidity, eliminating the risk of air by-passing around the edge of the filter frame. Veeglass media will not absorb moisture, has excellent water stripping properties and is not conducive to supporting moulds, growths or other infestations.

Veeglass media is available as standard colour coded blue on its upstream side, or as fire resistant Veeglass (FR) media coloured orange.

**Fire Resistant** Veeglass (FR) media has been tested and approved by London Scientific Services for compliance with the flammability requirements of BS5588 Part 9 / 1989 (supersedes CP413 Appendix A) Code of Practice for Ventilation and Air Conditioning Ductwork. This media is inherently non flammable and if ignited will generate minimal smoke and toxic gases.



## PADS & ROLLS

Veeglass and Veeglass (FR) media are available as 25mm (1in) VG1 pads and as 50mm (2in) VG2 pads, in a range of eight sizes to suit the VOKES range of reloadable filter frames.

Both media are also available as Bulk Rolls from which replacement pads can be cut to suit particular applications. Bulk rolls are available in two thicknesses, VG1 rolls 25mm and VG2 rolls 50mm, in three widths and in 20 metre (65ft) lengths.

## KEY FEATURES

- Reloadable frames and Veeglass (FR) pads, the preferred combination for use as fire resistant pre-filters.
- Reloadable frames and pads, ideal for applications with high moisture levels and high air velocities.
- A range of eight frame sizes (25 and 50mm wide), suitable for use with either VOKES Veeglass or Synthetic filter media.
- VOKES Veeglass and Veeglass (FR) media available in a range of eight pad sizes (25 and 50mm thick) and three roll widths (20m long).
- VOKES Veeglass (FR) – Fire resistance tested by LSS for compliance with BS 5588 Part 9

## RANGE

### Reloadable Filter Frames & Veeglass Pads

#### Frame Depth 25mm (1in)

FRAME SIZE Nominal ins	FRAME SIZE Actual mm	FRAME Part No.	VEEGLASS VG1 PAD Part No.*	VEEGLASS VG1 (FR) PAD** Part No.*
16 x 20 x 1	399 x 498 x 25	C97494/23	C87851/6	B99019/23
16 x 25 x 1	399 x 625 x 25	C97494/24	C87851/7	B99019/24
20 x 20 x 1	492 x 492 x 25	C97494/25	C87851/8	B99019/25
20 x 25 x 1	500 x 627 x 25	C97494/26	C87851/9	B99019/26
24 x 24 x 1	594 x 594 x 25	C97494/20	C87851/10	B99019/20
12 x 12 x 1	302 x 302 x 25	C97494/27	C87851/11	B99019/27
24 x 12 x 1	594 x 296 x 25	C97494/22	C87851/16	B99019/22
24 x 20 x 1	594 x 492 x 25	C97494/28	C87851/AV	B99019/28

#### Frame Depth 50mm (2in)

FRAME SIZE Nominal ins	FRAME SIZE Actual mm	FRAME Part No.	VEEGLASS VG2 PAD Part No.*	VEEGLASS VG2 (FR) PAD** Part No.*
16 x 20 x 2	399 x 498 x 50	C97494/6	C87850/6	B99019/6
16 x 25 x 2	399 x 625 x 50	C97494/7	C87850/7	B99019/7
20 x 20 x 2	492 x 492 x 50	C97494/8	C87850/8	B99019/8
20 x 25 x 2	500 x 627 x 50	C97494/9	C87850/9	B99019/9
24 x 24 x 2	594 x 594 x 50	C97494/10	C87850/10	B99019/10
12 x 12 x 2	302 x 302 x 50	C97494/11	C87850/11	B99019/11
24 x 12 x 2	594 x 296 x 50	C97494/12	C87850/16	B99019/12
24 x 20 x 2	594 x 492 x 50	C97494/87	C87850/94	B99019/87

\* All VEEGLASS Pads are supplied in boxes of 50

### Veeglass Bulk Rolls

#### Roll Length 20m (65ft)

ROLL WIDTH			VEEGLASS 25mm (1in)		VEEGLASS 50mm (2in)	
ft	ins	mm	VG1 ROLLS	** VG1 (FR) ROLLS	VG2 ROLLS	** VG2 (FR) ROLLS
			Part No.	Part No.	Part No.	Part No.
2'	0"	610	B87846/1	C99020/1	C87848/1	C99021/1
4'	0"	1220	B87846/5	C99020/5	C87848/5	C99021/5
6'	0"	1829	B87846/9	C99020/9	C87848/9	C99021/9

\*\* VEEGLASS (FR) Filter Resistant media to BS5588 Part 9 : 1989

## PERFORMANCE

Medium Type	Clean Pressure Drop Test Velocity 2.0 m/s	EUROVENT (BS 6540 Part 1) (ASHRAE 52 - 76)		EUROVENT Rating
		Average Arrestance %	Arrestance Level g/m <sup>2</sup>	
	Pa			EU No.
VG1 & VG1 (FR) 25mm thick	22	82	800	EU3
VG2 & VG2 (FR) 50mm thick	45	82	1500	EU3

Maximum Working Temperature 20 C Maximum Relative Humidity 100%



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