

## INTRODUCTION

VOKES Veelon Roll Filter Media is manufactured from a blend of synthetic fibres and supplied as loaded spools for the servicing of Automatic Roll Filters. Available as Veelon or Veelon Plus for higher efficiencies, a range of standard roll widths is available to suit most installations.

Refills are available for VOKES units including MINIROLL, MINIVEE, AUTOVEE, SLIMLINE AUTOROLL and PACKAGE UNITS. For other manufacturers' equipment, refills can be supplied by VOKES for most Automatic Roll Filters currently in service.

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

## VEELON MEDIA

Veelon is a lofted non-woven filter media, manufactured from a special blend of synthetic fibres. The synthetic fibres are blended together to provide a complex matrix, ensuring efficient depth filtration throughout the media. Since each fibre is interlocked with adjacent fibres, the possible risk of fibre carry over is avoided. Veelon media is suitable for use at humidity levels of up to 100%.

Veelon Media is manufactured in two grades, as Veelon for standard applications and Veelon Plus where higher efficiencies are required. Both media are available in all widths studded and in selected widths unstudded.

## APPLICATIONS

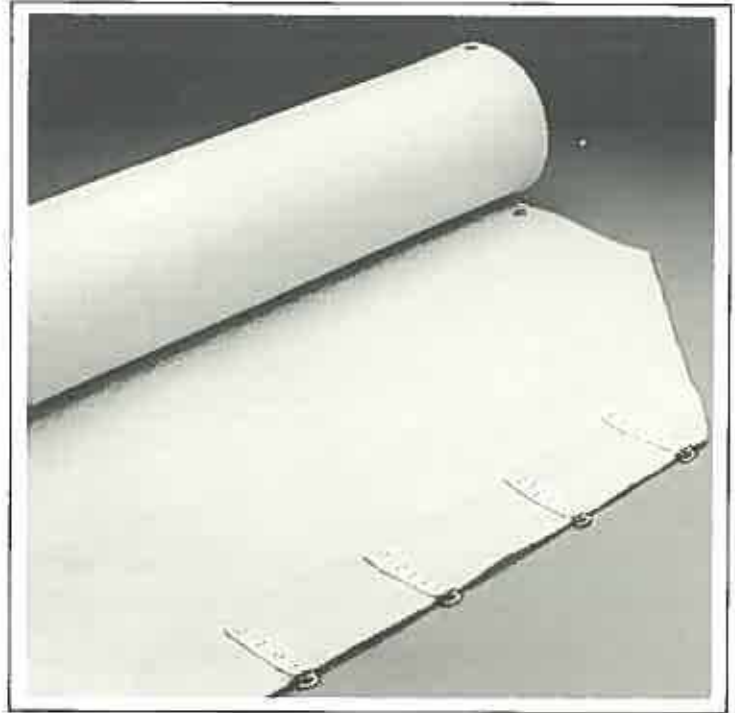
VOKES Veelon and Veelon Plus media are available as loaded spools, for the servicing of Automatic Roll Filters. To select a suitable refill for a particular automatic unit, it is necessary to establish the following:

**Type of Automatic Unit** – In the first instance establish whether the refill is required for a 'Small Range' or 'Large Range' Automatic Unit

- Small Range Units – MINIROLL, MINIVEE and Small PACKAGE UNITS.
- Large Range Units – AUTOVEE, SLIMLINE AUTOROLL and Large PACKAGE UNITS.

**Roll Filter Width** – Establish from the Automatic Roll Filter a suitable refill width from the range of sizes between 457mm (1ft 6in) and 1830mm (6ft).

**Media Type** – Select either Veelon or high efficiency Veelon Plus. Both Media are available in all widths studded and in selected widths unstudded.



## KEY FEATURES

- Roll widths to suit VOKES Automatic Roll Filter installations, including Small and Large Range Units.
- Refills available for most other manufacturers' Automatic Roll Filters.
- Supplied as loaded spools, studded or unstudded in selected widths.
- Two grades, Veelon and Veelon Plus for higher efficiencies.
- Veelon is a lofted non-woven medium, manufactured from a blend of synthetic fibres to VOKES specification.
- The synthetic fibres are blended together, to provide efficient depth filtration and minimise fibre shedding.
- The media is laminated with a scrim to provide extra strength.
- Suitable for use at humidity levels of up to 100%.

**RANGE**
**Automatic Roll Filter Refills – Veelon & Veelon Plus**
**Small Range**

PACKAGE UNIT Height mm From-To	ROLL FILTER Unit Size ft ins		VEELON (2.25oz) Roll Length 45' (13.7m)		VEELON PLUS (4oz) Roll Length 23' (7m)	
			Unstudded	Studded	Unstudded	Studded
457 – 609	1'	6"	<b>B6436403</b>	<b>B6445419</b>	<b>B6438330</b>	<b>B6445591</b>
610 – 759	2'	0"	<b>B6436402</b>	<b>B6445420</b>	<b>B6438329</b>	<b>B6445592</b>
760 – 914	2'	6"	<b>B6436412</b>	<b>B6493572</b>	<b>B6337037</b>	<b>B6494158</b>
915 – 1066	3'	0"	<b>B6436401</b>	<b>B6445421</b>	<b>B6438328</b>	<b>B6445593</b>
1067 – 1219	3'	6"	<b>B6436411</b>	<b>B6445422</b>	<b>B6337038</b>	<b>B6445594</b>
1220 – 1371	4'	0"	<b>B6346717</b>	<b>B6457598</b>	<b>B6438331</b>	<b>B6494157</b>
1372 – 1524	4'	6"	–	<b>B6445423</b>	–	<b>B6445595</b>
1525 – 1674	5'	0"	–	<b>B6457599</b>	–	<b>B6494154</b>
1675 – 1829	5'	6"	–	<b>B6457601</b>	–	<b>B6494155</b>
1830 – 1900	6'	0"	–	<b>B6457600</b>	–	<b>B6494156</b>

**Large Range**

PACKAGE UNIT Height mm From-To	ROLL FILTER Unit Size ft ins		VEELON (2.25oz) Roll Length 125' (28m)		VEELON PLUS (4oz) Roll Length 100' (30.5m)	
			Unstudded	Studded	Unstudded	Studded
762 – 914	2'	6"	–	<b>B6474462</b>	–	<b>B6439076</b>
915 – 1066	3'	0"	<b>B87092/1</b>	<b>B6439066</b>	<b>B86007/1</b>	<b>B6439072</b>
1067 – 1219	3'	6"	<b>B87092/5</b>	<b>B6474459</b>	<b>B86007/5</b>	<b>B6474466</b>
1220 – 1369	4'	0"	<b>B87092/2</b>	<b>B6439067</b>	<b>B86007/2</b>	<b>B6439073</b>
1370 – 1524	4'	6"	<b>B87092/6</b>	<b>B6474460</b>	<b>B86007/7</b>	<b>B6474467</b>
1525 – 1674	5'	0"	<b>B87092/3</b>	<b>B6439068</b>	<b>B86007/3</b>	<b>B6439074</b>
1675 – 1829	5'	6"	<b>B87092/7</b>	<b>B6474461</b>	<b>B86007/6</b>	<b>B6474468</b>
1830 – 2100	6'	0"	<b>B87092/4</b>	<b>B6439069</b>	<b>B86007/4</b>	<b>B6439075</b>

**PERFORMANCE**

Medium Type	Clean Pressure Drop Test Velocity 2.0m/s  Pa	ASHRAE/EUROVENT Synthetic Dust	
		Average Arrestance %	Arrestance Level g/m <sup>2</sup>
<b>Veelon</b>	60	82	300
<b>Veelon Plus</b>	80	87	250

Maximum Working Temperature = 100°C  
Maximum Relative Humidity = 100%