

Veelon

Automatic Roll Filter Media



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 Mini Roll, 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 - Mini Roll, 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 (1 ft 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	Roll Filter Unit Size		VEELON (2.25oz) Roll Length 45' (13.7m)		VEELON PLUS (4oz) Roll Length 23' (7m)	
	From-To	ft	ins	Unstudded	Studded	Unstudded
457-609	1'	6"	B6436403	B6445419	B6438330	B6445591
610-759	2'	0"	B6436402	B6445420	B6438329	B6445592
760-914	2'	6"	B6436412	B6493572	B6337037	B6494158
915-1066	3'	0"	B6436401	B6445421	B6438328	B6445593
1067-1219	3'	6"	B6436411	B6445422	B6337038	B6445594
1220-1371	4'	0"	B6436717	B6457598	B6438331	B6494157
1372-1524	4'	6"	-	B6445423	-	B6445595
1525-1674	5'	0"	-	B6457599	-	B6494154
1675-1829	5'	6"	-	B6457601	-	B6494155
1830-1900	6'	0"	-	B6457600	-	B6494156

Large Range

Package Unit Height mm	Roll Filter Unit Size		VEELON (2.25oz) Roll Length 125' (28m)		VEELON PLUS (4oz) Roll Length 100' (30.5m)	
	From-To	ft	ins	Unstudded	Studded	Unstudded
762-914	2'	6"	-	B6474464	-	B6439076
915-1066	3'	0"	B87092/1	B6439066	B86007/1	B6439072
1067-1219	3'	6"	B87092/5	B6474459	B86007/5	B6474466
1220-1369	4'	0"	B87092/2	B6439067	B86007/2	B6439073
1370-1524	4'	6"	B87092/6	B6474460	B86007/7	B6474467
1525-1674	5'	0"	B87092/3	B6439068	B86007/3	B6439074
1675-1829	5'	6"	B87092/7	B6474461	B86007/6	B6474468
1830-2100	6'	0"	B87092/4	B6439069	B86007/4	B6439075

Performance

Medium Type	Clean Pressure Drop Test Velocity 2.0m/s	Ashrae/Eurovent Synthetic Dust	
		Average Arrestance %	Arrestance Level g/m ²
Veelon	60 Pa	82	300
Veelon Plus	80 Pa	87	250

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In keeping with our policy of continuing product improvement, we reserve the right to alter specifications without notice.

