

# Synthetic Media Roll

## Prefilter Media Roll MERV5-7, Carbon

### Libeltex Synthetic Roll Media

In the early eighties, Libeltex developed a new range of synthetic washable filter media, being the first to apply the principle of thermobonding and the idea of conceiving filters with a gradual density.

Since those early days, we have continuously upgraded its existing products and developed new ones according to the needs of and in close cooperation with our customers.

Today, we offers a very wide range of high quality Libeltex filter media according to different production processes and for various applications.

All media are tested and produced according to EN779, ASHRAE 52.2 and ISO9001:2018 Quality Norm.

### Technical Specifications

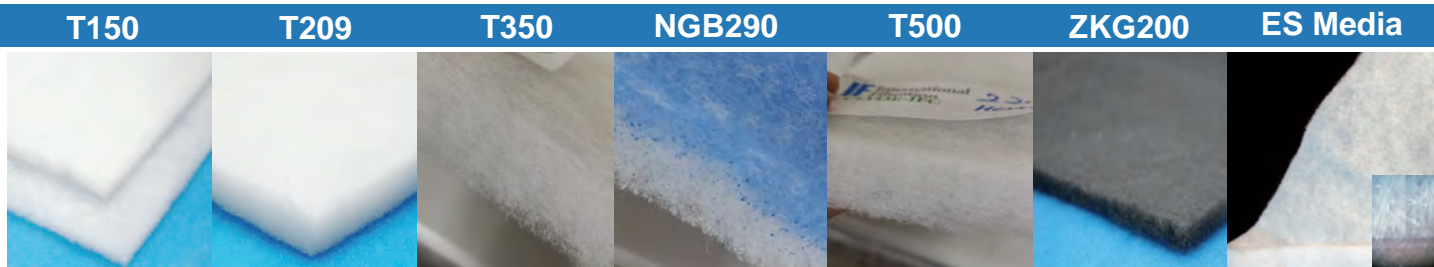
### Synthetic Washable Roll Media

**Material:** Polyester

**Continuous Temperature:** Up to 100°C and temperature peaks of 120°C

**Flammability:** DIN53438 F1, UL900

**Country of Origin:** Belgium

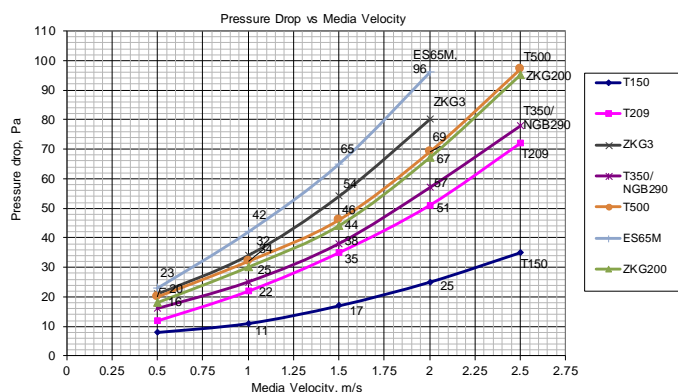


Roll Model	EN779 Filter Grade	ASHRAE 52.2 MERV	Size (LxH) m	Thickness mm +/- 2mm	Rated Air Flow m³/h	Face Velocity m²/s	Average Dust Spot Efficiency % (1um)	Average Synthetic Dust Arrestance ASHRAE 52.76 (>10um)	Initial Pressure Drop Pa	Final Pressure Drop Pa	Dust Holding g/m2	Others
T150-5W	G2	MERV 5	2 x 20	5	2008	1.5	<20	72	15	250	517	Available in black
T150-10W	G2	MERV 5	2 x 20	10	2008	1.5	<20	75	17	250	517	Available in black
T209	G3	MERV 6	2 x 20	15	2008	1.5	<25	87	35	250	400	
T350	G3	MERV 6	2 x 20	20	2008	1.5	<30	87	38	250	562	
NGB290	G3	MERV 6	2 x 20	20	2008	1.5	<30	89	38	250	478	Blue White
T500	G4	MERV 7	2 x 20	22	2008	1.5	<35	90	46	250	435	
ES65 M	M5	MERV 10	0.6x410	2	1500	1.1	55-65%@ 1-3um	90	50	250	80	PP Disposable, Electrostatic Media

Above Prefilter Roll filters can be washed a few times to remove the bigger dust. ES65M are not washable as they are higher efficiency media as they trapped finer dust, they should be best used as Pleated for long life and high efficiency removal. Thickness Tolerances will vary +/- 2mm. Recommended Final Pressure Drop is twice of initial pressure drop or up to 125Pa

ZKG3	G3	MERV 6	1.2 x 20	3	2008	1.5	<30	85	54	250	110	Carbon, CTC > 60%, Black
ZKG10	G4	MERV 9	1.2 x 20	10	1500	1.1	50-55%@ 1-3um	94	70	250	377	Carbon, CTC > 60%, Black
ZKG200	G4	MERV 7	2 x 25	12	2008	1.5	<35	94	44	250	377	Carbon, CTC > 60%, Grey

Net Effective Area 0.372m2. Carbon Filters cannot be washed, used for light odour control. Filter performance will vary from site and usage.



# Paintstop Arrestor & PPI Foam

## Paintstop Arrestor Fibreglass Roll, Diffusion Media, PPI Foam

### Paintstop Arrestor Fibreglass Media Roll

The rolls are manufactured in one of the high technology plants in Europe. The filter roll is widely used as pre-filters and exhaust filters in spray paint booth or oil mist applications. They can also be used in AHUs or FCUs for dust filtration or applications which requires fire retardancy. The rolls can be supplied in different widths from 0.5m, 0.75m, 1.0m, 1.5m and 2.0m.

### SepaPaint

SepaPaint are as separation for ink mist in paint shops and colour spraying cabins. They are suitable for products like primer, primer surfacer, 2 component lacquer, polyester, wax, tar, glue, adhesive, teflon, polyurethane, silicone, chocolate. Used as pre-filtration for paint stop filter mats for extended durability.

### Diffusion Medium - Fine Filtration Mats

Diffusion medium filters are higher efficiency filters used as final filtration of laminar supply air in spray paint booths. Contains no silicone or other lacquer harming substances. Fire Retardant.

### Paintstop Arrestor Roll

#### Material

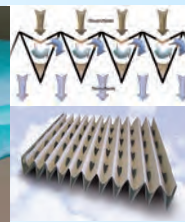
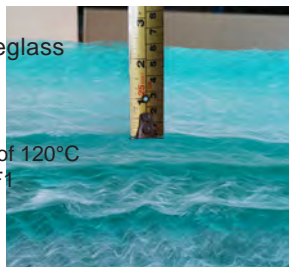
PA200, Paintstop Arrestor: Fibreglass  
SEPA11, Sepapaint: Cardboard

#### Continuous Temperature:

Up to 100°C and temperature peaks of 120°C

#### Flammability: DIN4102, DIN53438 F1

Country of Origin: Italy / Belgium



Paintstop Roll Model	EN779 Filter Grade	Size (LxH) m	Thickness mm	Rated Air Flow m³/h	Face Velocity m²/s	Net Effective Area m²	Average Dust Spot Efficiency %	Average Paint Overspray Arrestance %	Initial Pressure Drop Pa	Final Pressure Drop Pa	Dust Holding Capacity g/m²	Others
PA200, PA150 or FA500L	G3	2.0 x 20 1.5 x 20	55	2500-6300	0.70-1.75	1.00	<20	93-97	7-40	80	3600-4700	
SEPA11	G3	0.9x11	50	1800-3600	0.5-1.0	1.00	<20	91-98 (at 0.75m/s)	20-70	130		

### Diffusion Media - M5 Fine Filtration Mats

#### Model: NF600/VF600G

Material: Progressive structured polyester

Continuous Temperature: Up to 100°C and temperature peaks of 120°C

Humidity: <90%

Flammability: DIN53438 F1, UL900

Country of Origin: Belgium

#### Applications

Used on ceiling supply air of Spraypaint Booth for laminar diffusion to ensure excellent finished spray paint product qualities and automotive vehicles.



Synthetic Diffusion Media Roll Model	EN779 Filter Grade	Size (LxH) m	Thickness mm	Rated Air Flow m³/h	Face Velocity m²/s	Net Effective Area m²	Average Dust Spot Efficiency %	Average Synthetic Dust Arrestance %	Initial Pressure Drop Pa	Final Pressure Drop Pa	Dust Holding Capacity g/m²	Others
NF600/ VF600G	F5/ M5	2 x 20	22	900	0.25	1.00	43	96	24	250	224	PMT: R0

PMT: Particle Migration Rating

### PPI Reticulated Foam

Material: Polyester Foam

Continuous Temperature: Up to 50°C and temperature peaks of 70°C

Country of Origin: Belgium

#### Applications

Washable, Rigid Used for PC fans or small fans electrical enclosure or HVAC equipment.



Foam Model	EN779 Filter Grade	Size (LxW) m	Thickness mm	Rated Air Flow m³/h	Face Velocity m²/s	Average Dust Spot Efficiency %	Average Arrestance %	Initial Pressure Drop Pa	Final Pressure Drop Pa	Others
PPI5M	G2	1.9x1.4	5	2008	1.5	<20	65	15	250	-
PPI10	G2	1.9x1.4	10	2008	1.5	<20	80	30	250	-
PPI20	G3	1.9x1.4	20	2008	1.5	<20	89	50	250	-