



# Pre Filtration Synthetic Media

G2 - G4  
Course 25% - 70%

Choose Pre Filtration Synthetic Media for optimum pre filtration



A safe and environmentally friendly alternative to glass fibre, our range of non-shedding synthetic media are tested according to EN 779:2012 and G2-G4 ISO 16890 Coarse 50 - 70%. These are perfect for all kinds of applications including heat ventilation and air conditioning across all sectors and specialist paint spraying and drying environments.

## The key benefits

1

### Progressive structure

The progressive structure of this non-shedding synthetic media means the full depth of the material is used, increasing its dust holding capacity and service life.

2

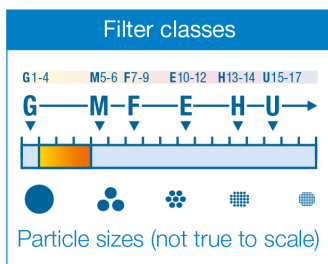
### Environmentally friendly

Oeko-Tex 100 approved meaning the media are free from harmful substances and skin irritants; they are also fully incinerable rather than going to landfill.

3

### Flexible

Available in rolls of various sizes, cut pads, filter socks and wire frames.



Painting & drying technology



Air conditioning & ventilation technology

Fire retardant to DIN53438-3 (F1)





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## Applications

- Pre filtration
- Retail, healthcare, education and leisure
- Paint spraying and drying

## Versions

- Nine pre filtration media available in the range

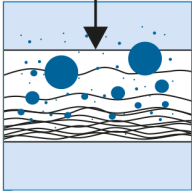
## Material Characteristics

- Tested according to EN 779:2012 and ISO 16890
- Reliable non-shedding synthetic fibres
- Fire prevention requirements according to DIN 53438-3 (F1)
- Humidity resistant up to 100% r.h
- Temperature resistant up to 80°C
- Silicone free
- Oeko-Tex 100 approved


## Classification

- Filter class G2-G4 Coarse 25% - 70%

**Dust air side**



**Clean air side**



- Progressive Structure / Rolls, Pads & Socks

Versions Pre-filtration Media G2 - G4 Coarse 25% - 70%

| Product        | Filter class acc. to ISO 16890 | Material thickness approx. | Surface weight approx. | Initial pressure drop | Recommended final pressure drop | Air velocity | Average arrestance |
|----------------|--------------------------------|----------------------------|------------------------|-----------------------|---------------------------------|--------------|--------------------|
|                |                                | mm                         | g / m <sup>2</sup>     | Pa                    | Pa                              | m / s        | %                  |
| <b>FL100</b>   | G2 Coarse 25%                  | 5                          | 100                    | 20                    | 250                             | 1.5          | 65 - 80            |
| <b>FL150</b>   | G2 Coarse 30%                  | 11                         | 150                    | 25                    | 250                             | 1.5          | 65 - 80            |
| <b>FL200</b>   | G3 Coarse 45%                  | 22                         | 200                    | 35                    | 250                             | 1.5          | 80 - 90            |
| <b>FL220</b>   | G4 Coarse 50%                  | 24                         | 220                    | 35                    | 250                             | 1.5          | ≥ 90               |
| <b>V15/350</b> | G4 Coarse 60%                  | 19                         | 280                    | 50                    | 250                             | 1.5          | ≥ 90               |
| <b>V15/400</b> | G4 Coarse 70%                  | 20                         | 350                    | 60                    | 250                             | 1.5          | ≥ 90               |
| <b>EA30</b>    | G4 Coarse 60%                  | 30                         | 350                    | 60                    | 250                             | 1.5          | ≥ 90               |
| <b>EA40</b>    | G4 Coarse 65%                  | 40                         | 400                    | 60                    | 250                             | 1.5          | ≥ 90               |
| <b>EA50</b>    | G4 Coarse 70%                  | 50                         | 450                    | 65                    | 250                             | 1.5          | ≥ 90               |