



# DUST SPARES

dust control spare parts for industry

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## Synthetic Filter Media - MSF 560G

### Application

A high performance fine filter particularly suited as a ceiling filter for all paint spraying and drying applications alternatively, for more sensitive indoor air quality requirements or as a pre-filter to absolute filtration.

### Description

The air filter media is manufactured entirely from thermally bonded fibres. These are built up progressively towards the air exit face to form a high density matrix with excellent mechanical strength and performance characteristics.

The product is inherently toxic free ( contains no PVC). The manufacturing technique ensures that the fibres are resistant to fracture, and are not affected by moisture or chemicals.

The media construction ensures high initial arrestance and exceptional dust holding capacity at low pressure resistance, creating the ultimate combination of service life performance and economy. A special adhesive agent is applied to the fibres during manufacture in order to enhance dust holding capacity, optimize arrestance and provide complete protection against migration caused by excessive vibration. The addition of an open mesh scrim provides even greater stability.

### Technical Data

Av. Arrestance	%	98
Av. Efficiency	%	52
Air Volume	m <sup>3</sup> /Hr/m <sup>2</sup>	2700
Initial resistance	Pa	65
Final recommended resistance	Pa	450
Temperature resistance	°C	100
Maximum Operating Humidity	%rh	100
Dust Holding Capacity	g/m <sup>2</sup>	385
Filter Depth	mm	20
Classification	EN779 2012	M5

Flame Resistance	DIN 53438	F1/K1
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Dimensions	
Standard Roll Sizes:	1.0 x 20m 2.0 x 20m