

# Paint mist arrestor

## Types PS 50 and PS 100

### Main application

High-quality filtration of the exhaust air from paint-spray booths. The PS 100 type, thanks to its higher arrestance efficiency, is particularly well suited for use in installations with heat recovery systems.

### Construction

Shape-elastic glassfiber medium with a progressive structure, i.e. an openly structured upstream side (green) and increasing fiber density towards the downstream side (white).

### Special feature

Thanks to low compressibility, high shape stability is assured even under pressure, in so that the filter medium's entire volume is utilized for storing the paint mist.

### Fire behaviour

Non-flammable to DIN 4102

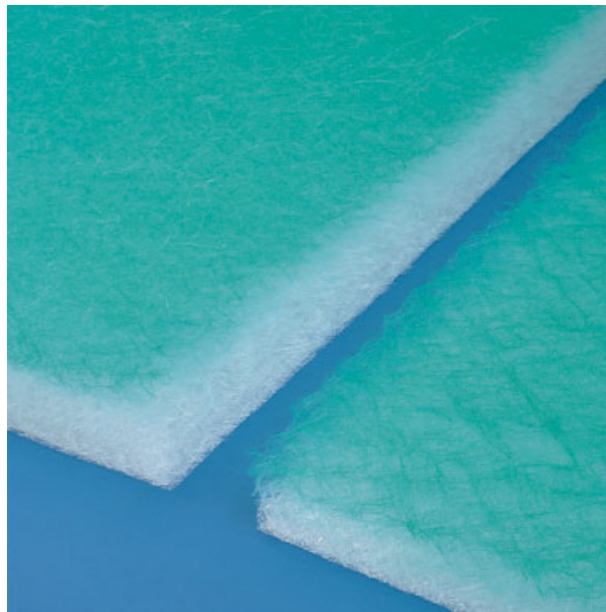
### Thermal stability

up to at least 80°C

### Availability

Roll width	Roll length / m				
	20	25	52	91	20
mm	PS 50			PS 100	
500	■	■	■		
610				■	
660				■	
760				■	
860				■	
910				■	
1000	■	■	■	■	
1250		■	■	■	
1524	■	■	■	■	
2000	■	■		■	■

Special dimensions and cut pieces are available on request.



Technical data		PS 50	PS 100
Weight per unit area, approx.	g/m <sup>2</sup>	220 - 240	350
Thickness, approx.	mm	50 - 65	100
Nominal volume flow	m <sup>3</sup> /h·m <sup>2</sup>	2500 - 6300	2500 - 6300
Nominal face velocity	m/s	0.7 - 1.75	0.7 - 1.75
Initial pressure drop	Pa	7 - 40	14 - 60
Arrestance for paint mist	%	93 - 97	98 - 99
Paint storage capacity (at 80 Pa and 0.7 m/s)	g/m <sup>2</sup>	3500 - 4700	3900 - 5050

The figures given are mean values subject to tolerances due to the normal production fluctuations.

### Please note:

When used for its intended purpose as a paint mist arrestor, the safety regulations for avoiding self-ignition must be complied with.