MN SPRAYBOOTHS
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Filters

600G FIBRE INLET FILTER

600G Inlet Filters are a progressively structured diffusion media designed to maintain air quality and prevent contamination. The 600G Inlet Filters have set the standard in paint booth filtration world-wide.

600G Fibre Inlet Filters are available as:
ROLLS OR CUT TO SIZE

High Efficiency
600G Fibre Inlet Filters are designed for 100% efficiency on 10 micron particles and larger. The media also filters 5 micron particles at a 99% efficiency.

Layered Holding Capacity
All 600G Fibre Inlet Filters are structured with a progressive media density. By increasing the thickness of the filter as it proceeds large particles are caught in the forefront and smaller as the filter thickness. This allows for maximum particle collection and efficiency and as a result the life of the filter.

High Quality
The 600G Fibre Inlet Filters have set the global standard in paint booth filtration. The filter is resistant to solvent vapours and contains no silicones.

Temperature Resistant
600G Filters are self-extinguishing and have a continuous temperature resistance up to 100°C peaking at 121°C.

Thickness: 22mm | Efficiency: 98.00% | Dust Holding capcity: 460g/m^2

Proudly owned and manufactured in Australia.
MN Spraybooths are the only Australian manufacturer certified by AMAG.

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600G FIBRE (CEILING) INLET FILTER

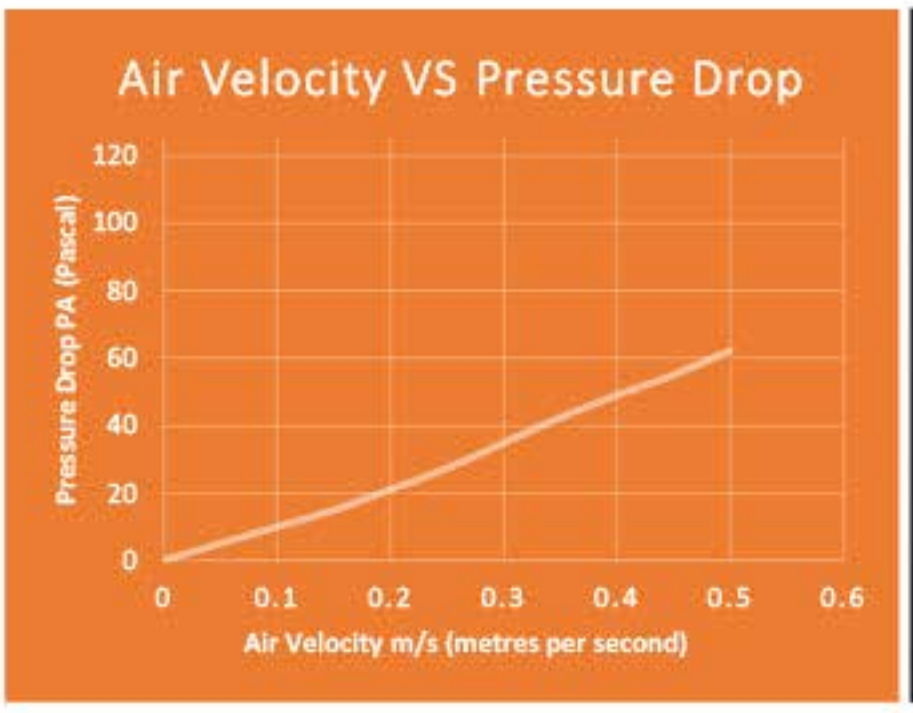
DATA SHEET

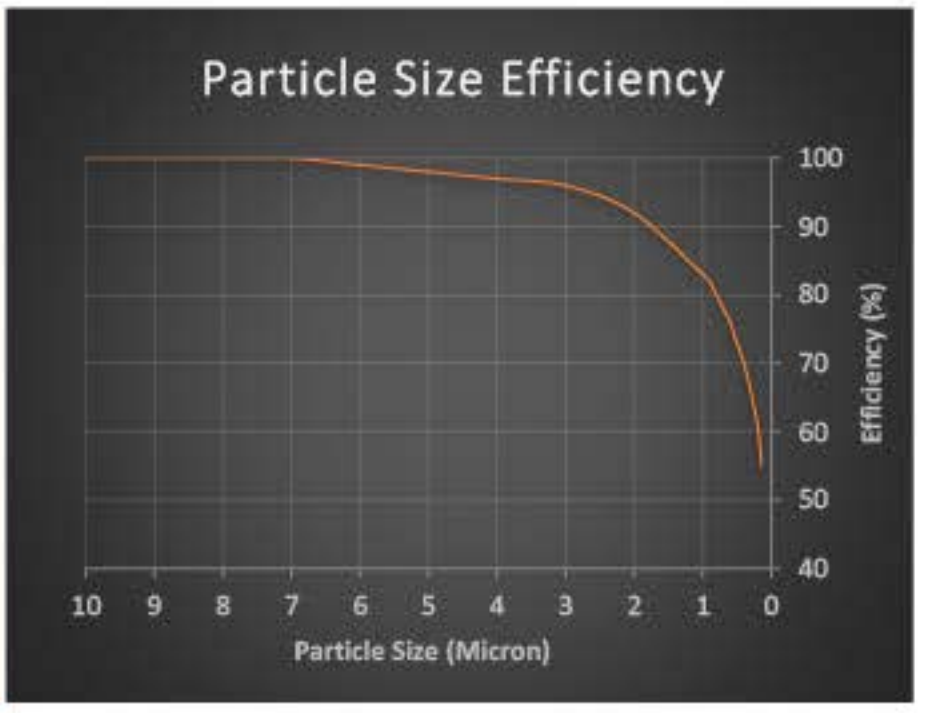
Technical Data

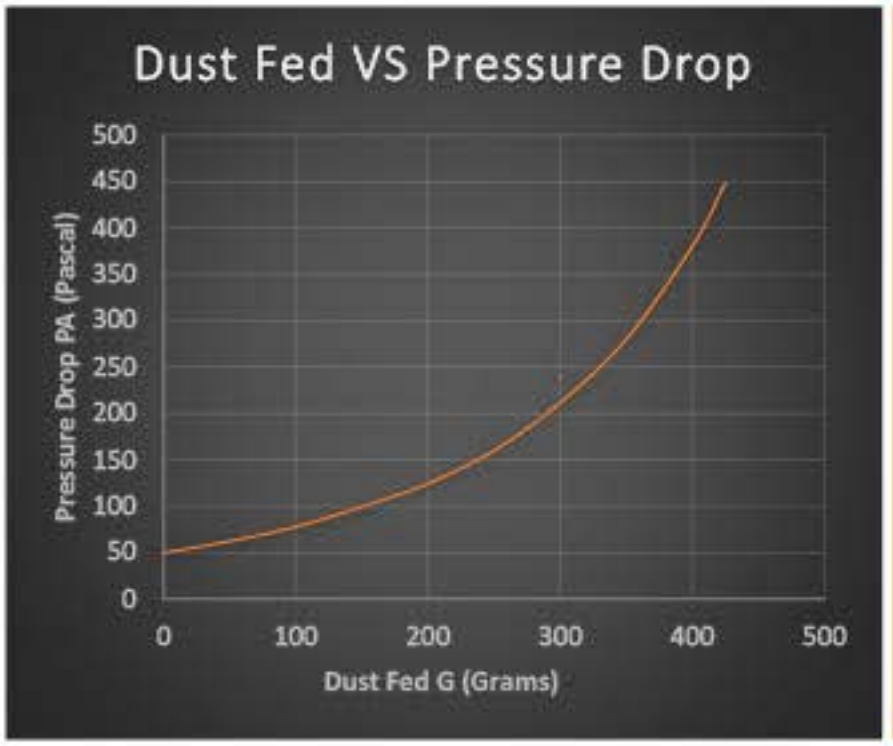
Material	Synthetic Fibre-based
Thickness (millimetres)	22mm
Average Arrestance (%)	98%
Average Efficiency @0.4µm (%)	55%
Nominal Velocity (m/s)	0.25 m/s
Initial Pressure Drop (@0.05m/s)	30 Pa
Maximum Pressure Drop (@0.05m/s)	450 Pa
Dust Holding Capacity (kg/sqm)	.46 g/sqm
Continuous temperature (°C)	100 °C
Instantaneous temperature (°C)	120 °C

Test Information

Filter	600g Fibre (ceiling) Inlet Filter 100cm x 170cm	
Air Velocity	0.254 metres/ second	
Efficiency test	ASHRAE test dust	
Temperature resistance	Constant	≤ 100 °C
	Short Peaks	< 175 °C







NOTE: 2 BAR = 200,000 PA [PASCAL] = 36 PSI [POUNDS PER SQUARE INCH]

Test Results

Initial Pressure drop – clean filter	24.88 Pascal (PA)
Final pressure drop – loaded filter	450.4 Pascal (PA)
Dust Holding Capacity @ 450 PA	305 gram/ square metre (g/m^2)
Average Arrestance (%)	99.4%
Average Efficiency (%)	57%

ALL DATA IS AN INDICATIVE AVERAGE WITH STANDARD PRODUCTION AND TESTING TOLERANCES. WE RESERVE THE RIGHT TO CHANGE PERFORMANCE DATA AT ANY TIME AND WITHOUT NOTICE.