

Product Group	NF Medium Grade Bags
Application	Pre-filter to protect high efficiency secondary filters in general air conditioning applications where a low to medium efficiency is complemented by extended filter life.
Filter Grade	G4 & F5 (M5)
Average Arrestance (EN 779)	G4 – >90% * F5 (M5) – 96%
Average Efficiency (EN 779)	F5 (M5) only – 40-60%*
Initial Resistance	See Table Below
Final Resistance	G4 – 250pa F5 (M5) – 450pa
Depths Available	Standard: G4 – 380mm F5 (M5) – 460mm
Filter Media	Graduated density, thermally bonded synthetic fibres.
Frame Construction	Steel header frame with side-seal fitted as standard.
Options	Non-standard sizes available Bactiguard anti-microbial treatment available on F5 (M5) only**
Environmental Factors	Tested for flammability and toxic smoke emission **

* Independently tested under EN 779, data available upon request

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PERFORMANCE DETAIL

Size H x W x D mm (actual)	NF30 (G4) Rated Air Volume				NF50 (F5/M5) Rated Air Volume			
	Medium Air Flow		High Air Flow		Medium Air Flow		High Air Flow	
	M³/s	Pressure Loss Pascals	M³/s	Pressure Loss Pascals	M³/s	Pressure Loss in Pascals	M³/s	Pressure Loss Pascals
592 x 592 x 380	0.94	50	1.18	70	0.75	75	0.94	90
592 x 287 x 380	0.47	50	0.59	70	0.38	75	0.47	90
592 x 492 x 380	0.78	50	0.65	70	0.62	75	0.78	90
492 x 492 x 380	0.98	50	0.82	70	0.52	75	0.65	90

Category	NF30 (G4)	NF50 (F5/M5)
Face Velocity (M/s)	2.5	2.5
Average Arrestance	92%	96%
Average Efficiency	N/A	52%

