

## Panel Filter NP

Polypropylene medium using minipleat technique

### DESCRIPTION

The Neat Pleat (NP) filters are manufactured with a very fine polypropylene synthetic filter medium. This medium was pleated using the minipleat technique.

This polypropylene synthetic filter medium is locked into a plastic frame.

The filters with synthetic medium are hydrophobic and do not show any addition pressure loss when exposed to damp conditions.

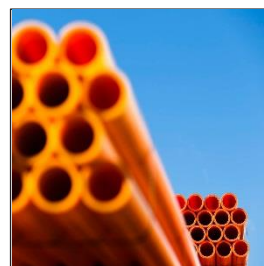
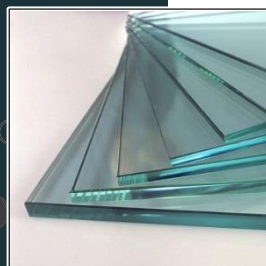


### APPLICATIONS

This panel filter is used as in places where space is limited:

- Air handling units
- Climate control units
- "Roof top"

\* please contact us for specific applications.



## PRODUCT INFORMATION

Sizes	Standard: see technical specs. Non standard: on request.
Depth	Standard: 2"(48mm) and 4"(96mm) 6" (150mm) see Ultima Pleat
Filter Class	M5 to F9 based on EN779 : 2012
Frame	Plastic
Packaging	1" = 24/48 pcs/box 2" = 12/24 pcs/box 4" = 6/12 pcs /box
On request	Galvanized steel frame
Optional	Header of 25mm (NPH) Moisture resistant cardboard frame

## TECHNICAL SPECIFICATIONS

Class	Type	Retention rate	Size w x h x d	Filtration surface	Nominal Flow	Initial pressure drop
EN 779		%	mm	m <sup>2</sup>	m <sup>3</sup> /h	Pa
M6	NP6-2.2424	65	594 x 594 x 48	5.21	2540	65
	NP6-2.2024		495 x 594 x 48	4.31	2117	
	NP6-2.1224		287 x 594 x 48	2.53	1227	
	NP6-2.1212		292 x 292 x 48	1.22	614	
	NP6-2.1620		394 x 495 x 48	2.89	1404	
	NP6-2.1625		394 x 622 x 48	3.63	1764	
	NP6-2.2020		495 x 495 x 48	3.64	1764	
	NP6-2.2025		495 x 622 x 48	4.58	2217	
M6	NP6-4.2424	65	594 x 594 x 96	10.02	3176	80
	NP6-4.2024		495 x 594 x 96	8.29	2646	
	NP6-4.1224		287 x 594 x 96	4.98	1534	
	NP6-4.1212		292 x 292 x 96	2.35	767	
	NP6-4.1620		394 x 495 x 96	5.56	1755	
	NP6-4.1625		394 x 622 x 96	6.99	2206	
	NP6-4.2020		495 x 495 x 96	7.01	2205	
	NP6-4.2025		495 x 622 x 96	8.80	2771	
F7	NP7-2.2424	85	594 x 594 x 48	5.21	2540	102
	NP7-2.2024		495 x 594 x 48	4.31	2117	
	NP7-2.1224		287 x 594 x 48	2.53	1227	
	NP7-2.1212		292 x 292 x 48	1.22	614	
	NP7-2.1620		394 x 495 x 48	2.89	1404	
	NP7-2.1625		394 x 622 x 48	3.63	1764	
	NP7-2.2020		495 x 495 x 48	3.64	1764	
	NP7-2.2025		495 x 622 x 48	4.58	2217	
F7	NP7-4.2424	85	594 x 594 x 96	10.02	3176	123
	NP7-4.2024		495 x 594 x 96	8.29	2646	
	NP7-4.1224		287 x 594 x 96	4.98	1534	
	NP7-4.1212		292 x 292 x 96	2.35	767	
	NP7-4.1620		394 x 495 x 96	5.56	1755	
	NP7-4.1625		394 x 622 x 96	6.99	2206	
	NP7-4.2020		495 x 495 x 96	7.01	2205	
	NP7-4.2025		495 x 622 x 96	8.80	2771	

Class	Type	Retention rate	Size w x h x d	Filtration surface	Nominal Flow	Initial pressure drop
EN 779		%	mm	m <sup>2</sup>	m <sup>3</sup> /h	Pa
F8	NP8-2.2424	>90	594 x 594 x 48	5.21	2540	120
	NP8-2.2024		495 x 594 x 48	4.31	2117	
	NP8-2.1224		287 x 594 x 48	2.53	1227	
	NP8-2.1212		292 x 292 x 48	1.22	614	
	NP8-2.1620		394 x 495 x 48	2.89	1404	
	NP8-2.1625		394 x 622 x 48	3.63	1764	
	NP8-2.2020		495 x 495 x 48	3.64	1764	
	NP8-2.2025		495 x 622 x 48	4.58	2217	
F8	NP8-4.2424	>90	594 x 594 x 96	10.02	3176	120
	NP8-4.2024		495 x 594 x 96	8.29	2646	
	NP8-4.1224		287 x 594 x 96	4.98	1534	
	NP8-4.1212		292 x 292 x 96	2.35	767	
	NP8-4.1620		394 x 495 x 96	5.56	1755	
	NP8-4.1625		394 x 622 x 96	6.99	2206	
	NP8-4.2020		495 x 495 x 96	7.01	2205	
	NP8-4.2025		495 x 622 x 96	8.80	2771	
F9	NP9-2.2424	>95	594 x 594 x 48	5.21	2540	146
	NP9-2.2024		495 x 594 x 48	4.31	2117	
	NP9-2.1224		287 x 594 x 48	2.53	1227	
	NP9-2.1212		292 x 292 x 48	1.22	614	
	NP9-2.1620		394 x 495 x 48	2.89	1404	
	NP9-2.1625		394 x 622 x 48	3.63	1764	
	NP9-2.2020		495 x 495 x 48	3.64	1764	
	NP9-2.2025		495 x 622 x 48	4.58	2217	
F9	NP9-4.2424	>95	594 x 594 x 96	10.02	3176	176
	NP9-4.2024		495 x 594 x 96	8.29	2646	
	NP9-4.1224		287 x 594 x 96	4.98	1534	
	NP9-4.1212		292 x 292 x 96	2.35	767	
	NP9-4.1620		394 x 495 x 96	5.56	1755	
	NP9-4.1625		394 x 622 x 96	6.99	2206	
	NP9-4.2020		495 x 495 x 96	7.01	2205	
	NP9-4.2025		495 x 622 x 96	8.80	2771	

- recommended maximum pressure drop 250 Pa
- Temperature resistance up to 90°C