



- ▶ Synthetic fabrics – 100% polyester
- ▶ High dust absorption
- ▶ Low pressure loss
- ▶ Long service life
- ▶ Low energy consumption
- ▶ Moisture resistance
- ▶ Flame retardant (F1 acc. DIN 53438)
- ▶ Standard and special sizes
- ▶ Certified quality

Class acc. EN 779:2012: M5

Average filtration degree (A_m): >96,6%

Average efficiency (E_m): >47,9%

Maximum operating temperature: <100°C

Acceptable relative humidity: <100%

Filter material:

thermal technology based on combining pure, uniform, and durable synthetic fibers (100% polyester), progressively put on each other (increased fiber density). The open structure of the fabric from the air inlet side is progressively thickening towards the outlet which causes the larger particles of impurities to retain in the upper filter layer and smaller ones to penetrate deeper into fabric. This technology allows the retention of much larger amounts of impurities, minimizes the air flow resistance increase and prevents the accumulation of impurities on the surface of the filter material. Maximum efficiency in the purification of air with minimal pressure loss. Very large storage capacity of pollutants and mechanical durability results in low operating and maintenance costs.

Structure:

absolutely tight and very durable construction:

- ▶ pockets sewn or welded together, placed on the $\varnothing = 3.5$ mm wire grid and put in a frame of galvanized steel;
- ▶ alternatively, the performance suitable for disposal in waste incineration plants:
pockets connected by rigid plastic linkers and placed in a stable plastic frame

Appliance:

I or II degree air pre-filter in air conditioning, ventilation and heating systems; thanks to high performance at low pressure loss, filters can be used in offices, hospitals, schools, theaters, shopping malls, hotels, paint shops, as well as in food, pharmaceutical, automotive and engineering industry.

Certified quality:

StarTec-5 filters are tested in accordance with applicable standards and are manufactured for many years, in accordance with the requirements of the Quality Management System ISO 9001, which ensures that our products consistently maintains the highest quality, putting us in a leadership of filter manufacturers.

The air supplied by the ventilation and air-conditioning systems is as clean as the filters clean it and therefore the quality of the filters, their reliability and durability has a huge impact on the evaluation of the entire ventilation system.

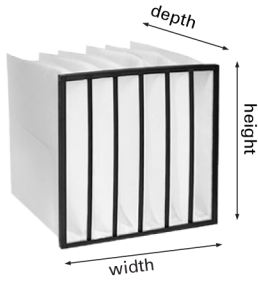
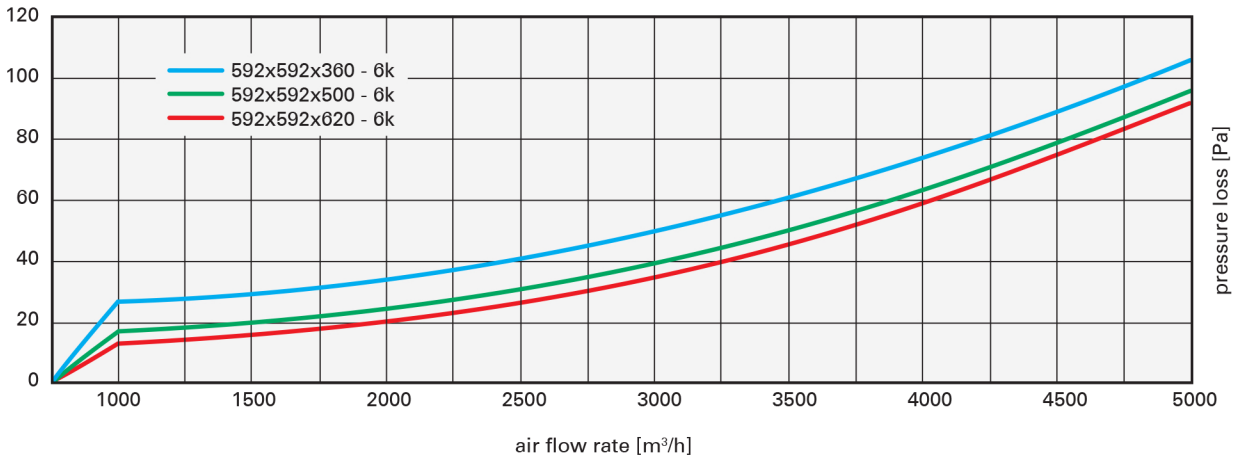


Table of standard sizes

	UOM	UT-5-6666	UT-5-6656	UT-5-6646	UT-5-5665	UT-5-5655	UT-5-5645
Class acc. EN 779: 2012		M5			M5		
Frame size (width x height)	[mm]	592 x 592			490 x 592		
Pocket depth	[mm]	620	500	360	620	500	360
Number of pockets	[n]	6	6	6	5	5	5
Expense	[m ³ /h]	3400			2700		
Initial resistance	[Pa]	45	49	59	45	49	59
Rec. final resistance	[Pa]	450			450		

	UOM	UT-5-3663	UT-5-3653	UT-5-3643	UT-5-3363	UT-5-3353	UT-5-3343
Class acc. EN 779: 2012		M5			M5		
Frame size (width x height)	[mm]	287 x 592			287 x 287		
Pocket depth	[mm]	620	500	360	620	500	360
Number of pockets	[n]	3	3	3	3	3	3
Expense	[m ³ /h]	1700			800		
Initial resistance	[Pa]	45	49	59	45	49	59
Rec. final resistance	[Pa]	450			450		

Loss of pressure as a function of air flow rate for StarTec-5 filters



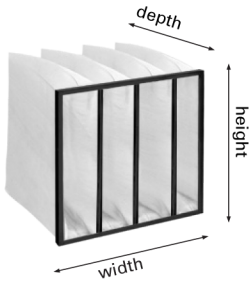


Table of standard sizes

	U0M	UT-5-6644	UT-5-6634	UT-5-6624	UT-5-5643	UT-5-5633	UT-5-5623
Class acc. EN 779: 2012		M5			M5		
Frame size (width x height) [mm]		592 x 592			490 x 592		
Pocket depth [mm]		620	500	360	620	500	360
Number of pockets [n]		4	4	4	3	3	3
Expense [m ³ /h]		3400			49	2700	
Initial resistance [Pa]		49	54	66		54	66
Rec. final resistance [Pa]		450			450		

	U0M	UT-5-3642	UT-5-3632	UT-5-3622	UT-5-3342	UT-5-3332	UT-5-3322
Class acc. EN 779: 2012		M5			M5		
Frame size (width x height) [mm]		287 x 592			287 x 287		
Pocket depth [mm]		620	500	360	620	500	360
Number of pockets [n]		2	2	2	2	2	2
Expense [m ³ /h]		1700			800		
Initial resistance [Pa]		49	54	66	49	54	66
Rec. final resistance [Pa]		450			450		

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