

Filters Bags

Filter bags made from synthetic media with a PGI progressive structure, to meet all the requirements of quality and durability depending on the application. Our range of filter bags contains every type of combination of support frames (plastic or metal section, a one-piece injection-moulded propylene frame etc...) as well as types of filter, synthetic, meltblown, Biostat media etc...

Tested and classified according to the updated standard EN 779.

All PGI filter bags are classified as F1 according to DIN 53438, self-extinguishing and 100% resistant to humidity; all PGI filters are free from silicone.

G3-F9 filter bags, ECO series



The best performance at a fair price given by a synthetic filter medium with a bag support frame made from plastic section and provided with a perimeter seal,.. The bags are made with thermally sealed seams and are self-supporting.

At the request of the customer, they can also be supplied with a joint in the cleaning or suction face of the filter.

G3-F9 filter bags, Long Life series



The Long Life series has been designed specifically for those applications, where a high quality and very long life filter is required for high concentrations of dust, or for reducing the number of filter stage replacement and maintenance operations. Due to their progressive high-density structure, they make possible considerable energy economy attributable to their low loss of initial charge, as well as a high degree of safety resulting from high-pressure differential, which they are able to maintain before reaching the optimum point of change.

They incorporate internal diffusers, in order to optimise the entire filter surface. An injection-moulded plastic frame on the actual filter medium, which eliminates any type of leak and low pressure, can be supplied with a thixotropic joint on both faces of the fixing frame.

G3-F9 filter bags, Special size series



For some applications, or machines in which the size of the bags is non-standard, LineAir manufactures special sizes of bags possessing the same characteristics as those of the Economy series, but with supporting frames made from galvanized steel and are also indicated in particular for those applications, where due to the high temperature of the air to be filtered, bags with plastic frames can sustain structural deformation.

The optional Neoprene joint may be requested in any face of the support frame.

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Key parameters:

- Produced from polyester fibres for G3, G4, F5 and F6 classes, and from Meltblown PP for Class F7–F9 materials.
- Leak proof welded filter pockets. Thermal welding on polyester. Ultrasonic welding on Meltblown.
- Media with progressive structure for longer life time.
- Can be produced into special dimensions upon request.

Key characteristics:

- Certified quality: each type of bag filter has been impartially tested according to EN 779.
- Temperature resistance : up to 80°C.
- Silicon free.
- Resistance to Relative Humidity : up to 100% R.H.
- Fire Resistance : comply with DIN 53 438 F1 level.

		
	ECO	Long Life
Filter classes	G4, F5, F7, F8, F9	G3, G4, F5, F6, F7, F8, F9
Dimensions	592 x 592 / 289 x 592 / 457 x 592	592 x 592 / 289 x 592 / 457 x 592
Depth	G4 360 / 500 F5 360 / 500 / 600 F7 500 / 600 F8 500 / 600 F9 500 / 600	G3 330 / 600 G4 330 / 600 F5 500 / 600 F6 500 / 600 F7 500 / 620 F8 500 / 600 F9 500 / 600
Typical applications	Prefiltration in AHU, HVAC and as a protection for rigid filters	Industrial applications Automotive Industry, and painting lines with recirculated air



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