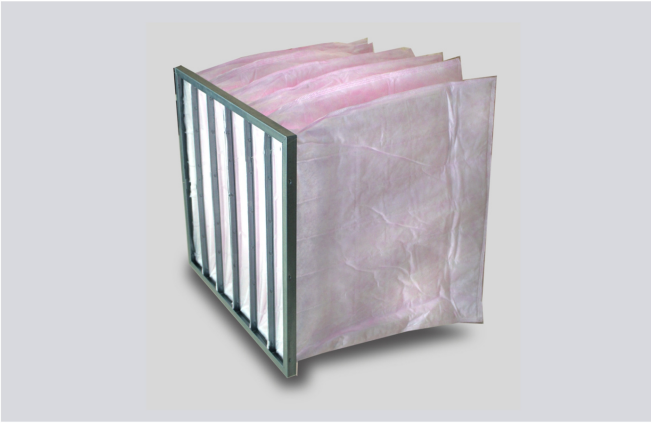
BAG FILTER- F7 Synthetic Meltdown Pocket Filters

Bag Filtermedium to high efficiency extended surface bag filters are manufactured from a new generation range of inherently anti-microbial high lofted synthetic fiber filter media. AFSPL Bag Filtger offers excellent filtration performance combined with high dust holding capacity and suitable for applications where highest degree of air cleanliness is required. AFSPL Bag Filter is capable of removing contaminants such as bacteria, fungi, fumes, smoke etc. from the air stream and it is an ideal bag filter for HVAC systems installed in Hospitals, Laboratories, Food processing & Pharmaceutical units, Computer rooms, Optical and Electronic facilities, Airports terminals, public buildings etc.

Bag Filter-F-7

- UL Listed Pocket Filter
- Available in 20 and 25mm head
- F7 efficiencies
- Metal or Plastic Frame
- Silicon Free



Media Features and Technical Details

Afspl Bag Filter utilizes a 100% synthetic filter media having high tensile strength developed through melt blown process. This media has an advantage of being heat sealed, thus avoiding any pin holes that are found in most conventional bag filters. The three stage media arrangement which consist of coarse fibers upstream, micro-fine fibers down stream and a scrim backing to prevent fiber migration, offers high dust holding capacity and filtration efficiency.

Bag Filter provides extended surface filtration through media formed into individual dust holding pockets. These pockets are created by internal fales stitches or ultra soniq welding process with internal spacers to maintain uniform airflow channels for even dust loading and longer filter life. The perfectly balanced pocket design allows full media inflation without crowding or restricting airflow to ensure optimum media utilization and there by offering long service life. Each pocket is bonded and sealed to its own "J" channel support frame which is fastened to a heavy duty corrosion resistant steel frame with soft edges to avoid damage to the filter media. This design prevents air bypass by eliminating metal contact points between components. Filters are also offered in plastic frame construction.

FILTER CLASSES AS PER ISO-16890

Filter class	PM 1	PM2.5	PM 10
F7	50-70%	> 70%	> 80%

Filter Class	MOC	MERV Rating	Filter Eurovent Class	Bag Depth	Gasket Thickness	Testing Standard
F-7	Aluminium / GI	MERV-13	EU-7	300	3 MM	BS EN:779
		MERV-13	EU-7	600	3 MM	BS EN:779