



# FLORENCE FILTER

Excellence in Air Filtration since 1971” [www.florencefilter.com](http://www.florencefilter.com)

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## Florence Flo Bag - Synthetic Meltblown Pocket Filters



The Florence Filter Flo Bag is a medium to high efficiency extended surface pocket filter. Manufactured from next generation range of inherently anti-microbial high lofted synthetic fiber media. Flo Bag offers excellent filtration performance combined with high dust holding capacity and are suitable for applications where the highest degree of air cleanliness is required. Flo Bags are capable of removing contaminants such as bacteria, fungi, fumes from the air stream and it is an ideal bag filter for HVAC systems, hospitals, laboratories, food processing and pharmaceutical units, computer rooms, optical and electronic facilities, airport terminals, and public buildings.

### Media Features

Flo Bags utilize a 100% synthetic filter media having high tensile strength developed through a melt blown process. This heat sealed media eliminates pin holes that are found in most conventional bag filters, thus eliminating air bypass. The three layer media consist of coarse fibers upstream, microfine fibers downstream and a scrim backing to prevent fiber migration. This ensures high dust holding capacity and excellent filter efficiency.

Flo Bags provide extended surface filtration through media formed into individual dust holding pockets. These pockets are created by an ultra sonic 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 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, eliminating metal contact points between components.