

ALLIPURE SERIES









HIGH EFFICIENCY FILTER BAGS



ALLIED FILTER SYSTEMS LTD HAS DEVELOPED THE ALLIPURE SERIES, A UNIQUE RANGE OF ABSOLUTE RATED FILTER BAGS RATED FROM 0.6 – 5 MICRON, PERFORMING TO AN EFFICIENCY OF 99.98% (BETA 5000) AT THE STATED MICRON RATING.

For processes requiring absolute and/or sub micron liquid process filtration, the use of filter cartridges has previously been the method of choice to achieve high performance in critical applications with consumable filter elements.

The Allipure Series utilises filter media which has previously only been used in the manufacture of cartridge filters. This enables processes to achieve the same efficiencies using bag filters whilst benefiting from the advantages that a bag filter system has over an equivalent sized cartridge system. These advantages include:

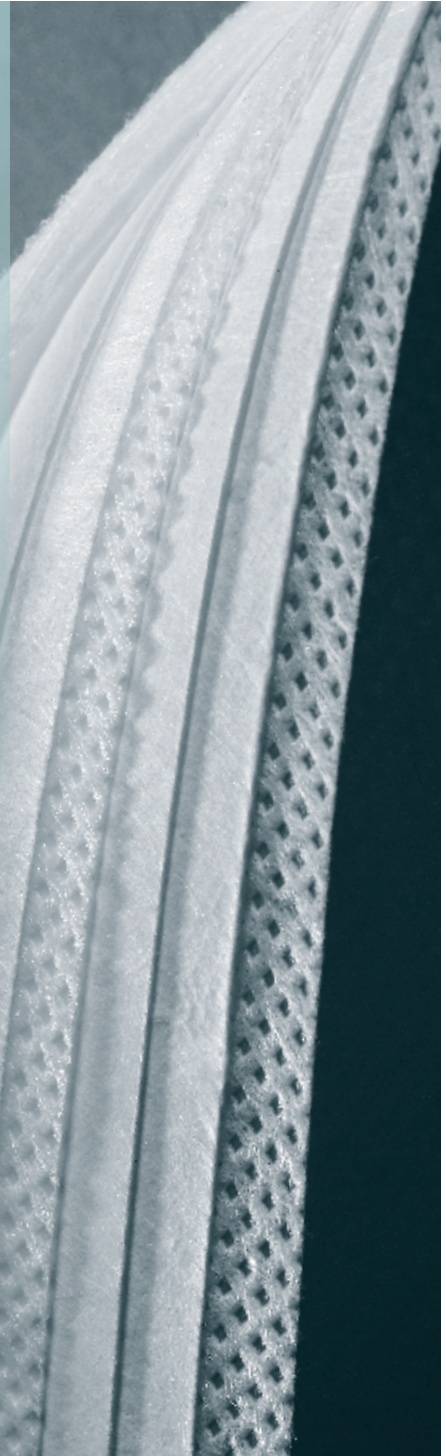
-  Higher dirt holding capacities.
-  Higher flow rates (i.e. lower quantity of filter elements required to achieve the same flow rate as an equivalent sized cartridge system).
-  Lower initial pressure drops, resulting in longer service life.
-  Solids are collected inside the bag, rather than on the exterior of a cartridge, leading to easier and quicker filter element disposal and less cleaning of filter housing.
-  Ease of handling leading to increased speed of changeout (less process downtime).
-  Lower number of sealing points compared with equivalent number of cartridges.
-  Less storage space required for filter bags compared with necessary number of cartridges.
-  Lower disposal cost due to the lower quantity of filter elements required.

The result is a high performance filter for the most critical applications which provides a significant reduction in the cost of filtration, without compromise to your process.

The Allipure Series is constructed from upto 8 layers of polypropylene melt blown media, graded to give progressively finer filtration as the process liquid passes through the filter bag. This ensures that the dirt loading of fine particles is distributed effectively within the filter media.

A coarse meltblown pre-filter layer is present, to give high dirt holding capacities and protection to the finer filtration layers, prolonging the filter bag lifetime.

The Allipure Series can be steam sterilised or hot water sanitised. It is also compatible with many sanitising agents or alternatively can be Gamma sterilised.



ALL CONSTITUENT MATERIALS CONFORM TO EC AND FDA REQUIREMENTS FOR FOOD AND PHARMACEUTICAL CONTACT APPLICATIONS.