



Surface of polyester needlefelt

Needlefelts are a versatile and cost effective media providing a high solid holding capacity for both non-deformable and deformable, gelatinous particles.

By means of a depth filtration mechanism, particles penetrate and are captured throughout the depth of the filter media.

They are available in the range of 1 - 200 microns with a nominal (60% -70%) efficiency.

Polypropylene and polyester are the most widely used, and have a calendared or singed external surface finish to eliminate fibre migration into the filtrate. Manufactured from 100% virgin fibres, the constituent materials have been chosen for their purity, consistent high quality and repeatable performance.

Where polypropylene or polyester are not able to be used for reasons of chemical compatibility or temperature, we also offer a range of Nylon, M-Aramid, and PTFE felts.

SEWN

NEEDLEFELT FILTER BAGS



SEWN POLYPROPYLENE AND POLYESTER NEEDLEFELT FILTER BAGS ARE MANUFACTURED WITH A SEWN RING, A WELDED CENTRE SEAM AND A SEWN BOTTOM.

Nylon, M-Aramid, and PTFE felt filter bags have an all sewn construction.

A comprehensive choice of sealing rings are available to suit the needs of the application:

-  7" or 4" galvanised steel rings (or stainless steel) which fit universally into all filter housings. Polypropylene rings and stainless steel bands are also available. As standard, these products feature integrated lifting handles.
-  Custom designed positive sealing **Santaseal** moulded ring, for applications where high temperature or chemical resistance properties are required.

INTEGRATED LIFTING HANDLES AS STANDARD

ALL FILTER BAGS ARE MANUFACTURED TO ISO 9001 QUALITY STANDARDS AND UNDER SILICONE FREE AND FOOD SAFE CONDITIONS.

