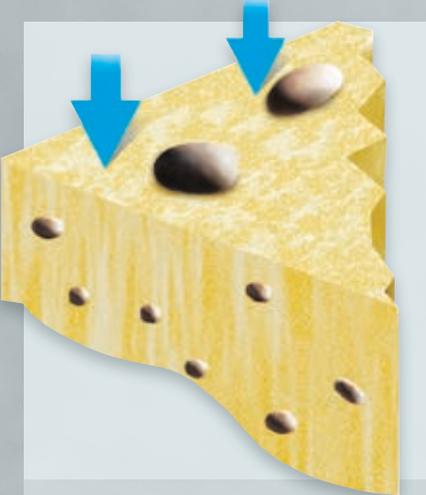


NEEDLEFELT

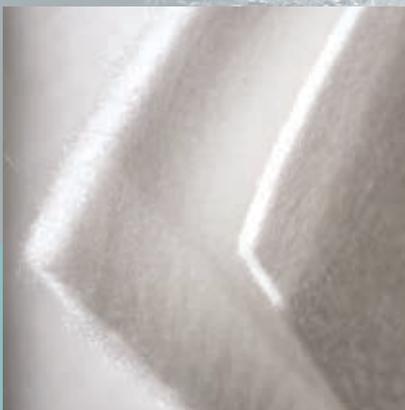


Needlefelts are a versatile and cost effective media providing a high solid holding capacity for both non-deformable and deformable, gelatinous particles.

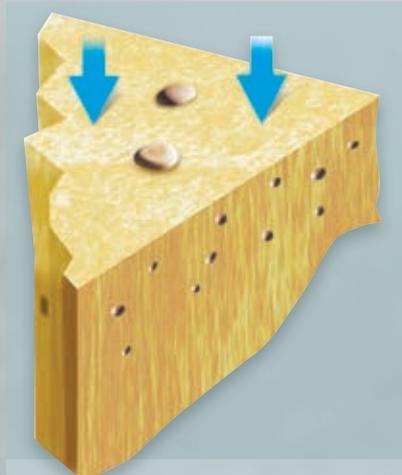
By means of a depth filtration mechanism, particles penetrate and are captured throughout the depth of the filter media.

They are available in the range of 0.5 – 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 migration into the filtrate. Nylon, Nomex®, and PTFE are also available.



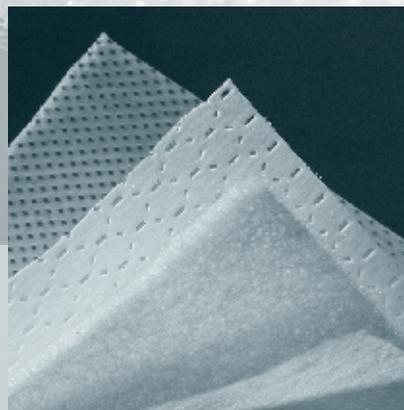
MICROFIBRE



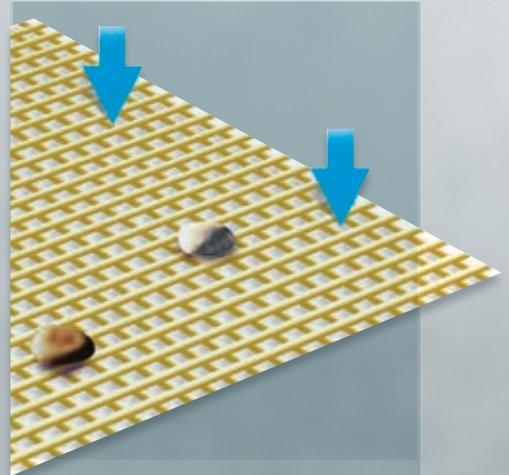
These provide high efficiency depth filtration and are available in polypropylene and polyester, absolute (up to 99.98% efficient) rated between 0.6 and 25 microns.

This media provides highly efficient particle retention for both non-deformable and deformable, gelatinous particles.

Polypropylene microfibre filter bags have excellent oil and hydrocarbon absorption properties.



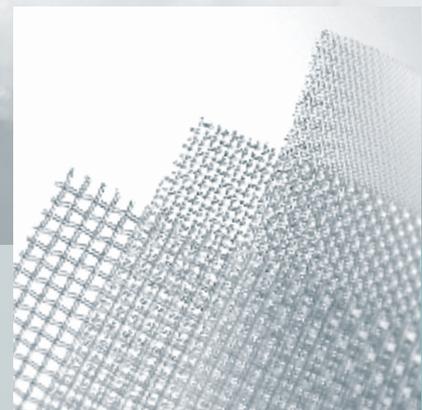
MESH



These provide surface filtration - a 'sieving' mechanism causes particles larger than the pore size of the media to be captured on the surface of the media.

Meshes are available in nylon, polypropylene and polyester monofilament - a precision woven structure thermofixed to give an absolute micron rating with no fibre migration.

Micron ratings range from 1 – 1500. They exhibit high mechanical strength, and are excellent for removing non-deformable, solid particles.



STANDARD FILTER BAGS

ALLIED FILTER SYSTEMS LTD. MANUFACTURES HIGH QUALITY LIQUID FILTER BAGS TO FIT STANDARD SIZE FILTER VESSELS, AS WELL AS CUSTOM DESIGNED PRODUCTS WHERE REQUESTED.

The constituent materials have been chosen for their purity, consistent high quality and repeatable performance.

Filter bags are available in traditional stitched form or with a fully welded construction, and are fitted with a comprehensive choice of rings.

🔥 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.

🔥 Custom designed moulded **Welseal** (polypropylene or polyester) welded rings, giving more positive sealing, needle hole elimination and lifting handles for faster and easier bag installation and replacement. A **Welseal** ring product is fully combustible.

🔥 Custom designed positive sealing **Santaseal** moulded ring, for applications where high temperature or chemical resistant properties are required.



NEEDLEFELTS :

Polypropylene • Polyester •
Polypropylene extended life • Polyester
extended life • Nylon • Nomex® • PTFE
Micron rating range 0.5 – 200

MONOFILAMENT MESHES :

Nylon • Polyester • Polypropylene •
Fluoropolymer •
Micron rating range 1 - 1500

SPECIALITY MEDIA :

Polyester multifilament meshes •
Spun bonds • Meltblowns • Woven
cloths • Antistatic fabrics • Elastomeric
fabrics • PVC



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