

WOUND FILTER CARTRIDGE



Materials

FDA Polypropylene
Bleached Cotton
Glass Fibre

Cores

Polypropylene
304 Stainless steel
316 Stainless steel

Temperature range

Up to 400 deg C

Lengths

Up to 40"

Diameter

Up to 108mm

Range of end fittings/end caps available
Micron range 0.5 to 150 microns

This range of UK manufactured precision wound depth filter cartridges are manufactured to give a considerable dirt holding capacity coupled with high flow rates and low pressure loss.

These cartridges consist of a perforated support core of plastic or metal onto which yarn is wound at a pre-set rate, providing each rating of element with its own distinctive winding pattern and performance.

During the winding process the yarn is usually brushed (or napped). This has the effect of increasing the working area of the elements thus providing a higher dirt holding capacity whilst maintaining the rigid structure. Although the cartridges are mainly for liquid filtration, they can also be employed for gases. Other fibres such as polyester, cotton, nylon can operate at higher temperatures and have differing chemical compatibility. For very high temperatures and for very strong oxidising agents, baked glass fibre elements are used. Glass fibre elements are fitted with voiles and stainless steel cores as standard, other cartridges can also be fitted with voiles where necessary in order to reduce fine fibre shedding.

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for all your filter requirements