



britomatics engineers private limited

FIBRE WOUND FILTER CARTRIDGES



4S

Solid Solutions to Separate Solids

Utility

Cartridge for removing micronic size particles from Liquids and Gases.

Applications

Concentrated Alkalies, Organic Acid, Solvents, Water Oxidizing Agents, Fuels, Plating Solutions, Dilute Acids & Alkalies, Petroleum Oils, Vegetable Oils, Pre Filter for Membranes, Photo Solutions, Pharmaceuticals.

Description

Britomatics Fibre Wound Filter cartridges offer the widest variety of precision wound patterns to control filtering efficiency of liquids and gases. Advanced electronically automated machine tools combined with the most modern quality control and non-destructive testing techniques give you a selection of from 0.5 to 150 micron particle retention range. A large group of depth type media is available for compatibility with the fluids and gases to be filtered. A number of metallic and non-metallic core materials, selected for maximum corrosion resistance, are offered to guarantee the physical integrity of the winding pattern of this non-rupturing filter.

Features & Benefits

- Cartridge is designed to withstand high pressure.
- The cartridge is of single piece construction which helps ease change out.
- High filtration efficiency.
- High dirt holding capacity.
- Wide range of micron retention.
- Faster flow rates.
- Quality consistency.

PROPERTIES

FILTER MEDIA	CHARACTERISTICS	MAXIMUM OPERATING TEMP.	CORE MATERIALS	CHARACTERISTICS	MAXIMUM OPERATING TEMP.
POLYPROPYLENE	Polypropylene to meet FDA standards for Distilled water, Beverages	Temperatures to 300° F	304 / 316 STAINLESS STEEL	For special process applications, concentrated alkalis and hydrocarbons.	Temperatures to 300° F
BLEACHED COTTON	Bleached for Industrial applications where sterility is not required for water, non potable liquids, Dilute Acids Vegetable Oils, Petroleum, Citric Acid, Fatty & Alcohols.	Temperatures to 300° F	POLYPROPYLENE	For high temperature applications on diluted acids and moderately corrosive fluids. Meets FDA standards.	Temperatures to 750° F
GLASS FIBRE	Trace of oil sizing present will cloud certain concentrated acids.	Temperatures to 350° F			

Standard Filter Element Specifications

B		C		20		R		10		S		-		-		-	
TYPE																	
MEDIA																	
C - Bleached Cotton - F.D.A. G - Fibreglass GH - Fibreglass - Heat Treated A - Cellulose Acetate P - Polypropylene SP - Special Polypropylene N - Nylon O - Acrylic																	
MICRON RATING																	
200	100	40	20	7	1												
150	75	30	15	5	.5												
125	50	25	10	3													
DIAMETER																	
T - 2" S - 2-3/4" F - 2-3/8" *R - 2-1/2" *Indicates standard Stock diameter																	
CORE EXTENSION																	
No Symbol - None E - With Core Extension																	
CORE COVER																	
No Symbol - None V - Cover Compatible to Resistance of Filter Element Media																	
CORE MATERIAL																	
T- Tin Plated Steels A - 316 Stainless Steel P - Polypropylene S - 304 Stainless Steel NOTE : All core have 1" nominal I.D. - other I.D.'s available on request.																	
LENGTH																	
9-3/4" *10" 19 3/4" *20" 29-3/4" *30" *40" 60" 70" * Indicates standard stock length NOTE : Other special order lengths available on request																	
Above Example : Bleached Cotton Media Element, 20 Micron, 2-1/2" Diameter, 10" Length, 304 Stainless Steel Core																	



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