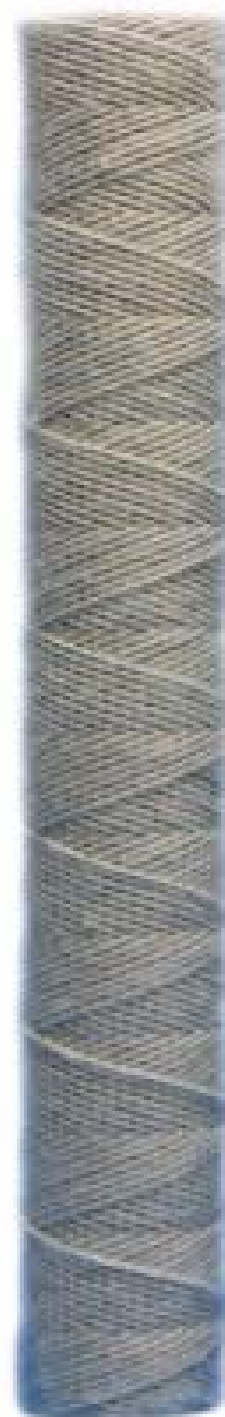




Our company produces filters for your company's various process needs.

Our products has international barcode, CE sign, National Data Bank Registered and certificated by Ministry of Health Republic Of Turkey.

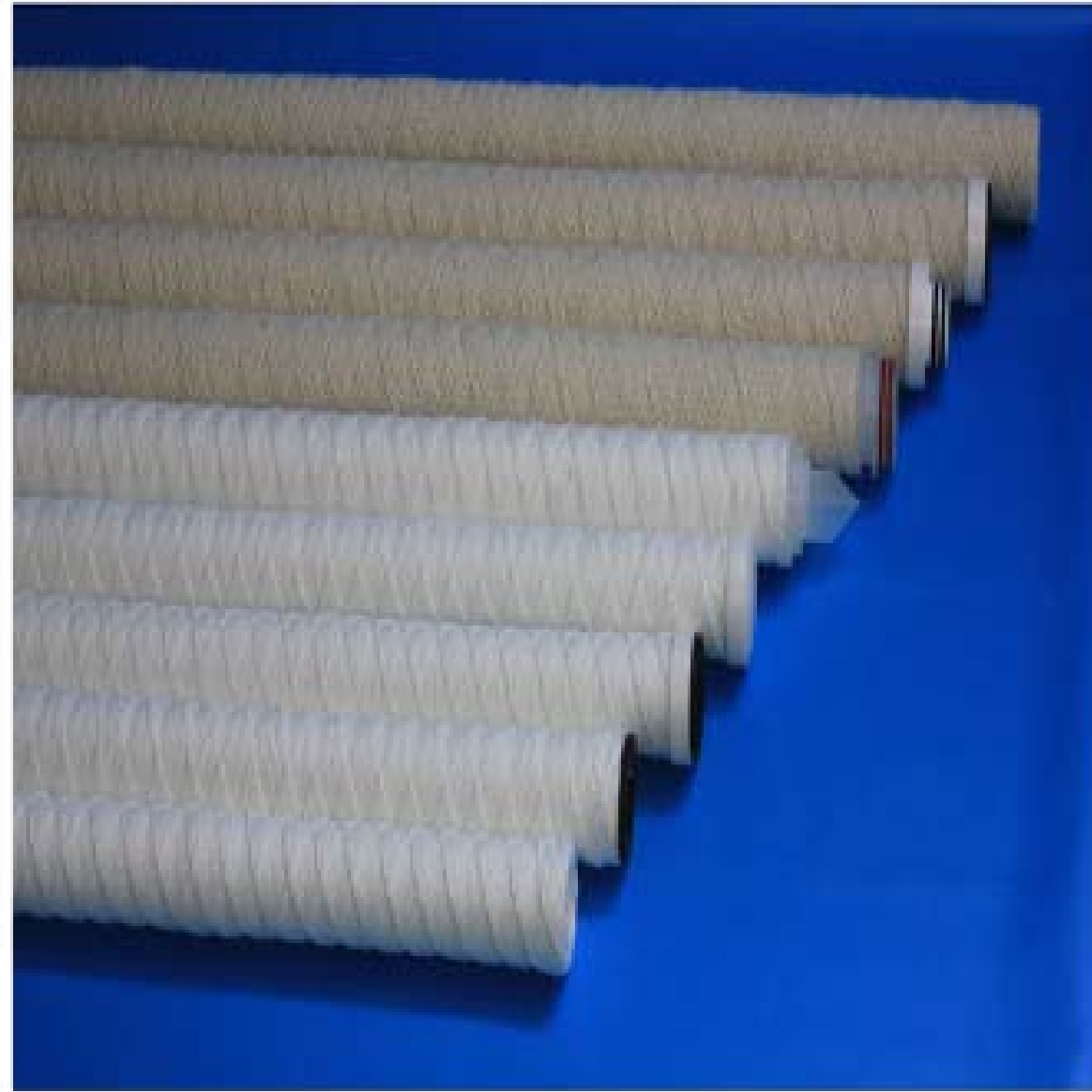
String wound cartridge filters produced by Polypropylene, Polyester, Cotton, Naturel Cotton, Nylon, Acrylic and Glass Fiber raw materials for your various needs.





Application Areas

- In filtration process flow in chemical industries
- In potable, process, coolant and waste water filtration
- In microfiltration process
- In Oil, milk, juice, and alcoholic beverages filtration in food/beverage industries
- In filtration of industrial oils and hydraulic fluids
- In metal coating, galvanized, nickel and cataphoresis filtration systems
- Residue filtration in paint and varnish production
- In filtration processes in the pharmaceutical and healthcare sector
- In pool water filtration
- In dialysis water systems
- In water treatment, sea water treatment and reverse osmosis systems
- In electronic industry and electrolysis baths
- In refineries and the petrochemical industry
- In solvent production and recycling
- In cosmetic Industries
- In filtration of printing ink and typography filtration processes
- In filtration of solutions and the polymeric liquids
- In filtration needs of biochemical and biotechnological processes
- In filtration needs of nuclear processes
- In power plants and processes related to power generation
- In filtration needs of military facilities and vehicles
- In maritime industries at ships, yachts, shipyards and marinas.
- In filtration needs of plastic injection molding machines
- In recycling process of machine oil, waste oil and fuels
- In storage and transfer plants of liquid chemicals and petroleum



TECHNICAL FACILITIES

We use stainless steel and polypropylene in the body of our string wound cartridge filters. Polypropylene used in string wound and body is 100% pure, and does not contain toxic substances, can be used in chemical processes, Food and Beverage industries, potable water filtration and medical sector. Strands which used as filter material, produced suitable and special for filtration technology. Except the polypropylene and natural cotton we have various filter medias for your requirement, like white cotton, nylon, glass fiber and acrylic. Especially glass fiber filters with stainless steel core are used in high temperature processes. Temperature and chemical resistances of our all strand filters are listed in the following table.

These filters which usually used in liquid filtration, when used with appropriate equipment they can be also used for air and gas phase particle filtration. Specially designed and manufactured polypropylene core durable for acid, base, many chemicals, organic substances and high pressure conditions. These products certificated by Turkish Standard Institution. Lifetime of these filters depends on process conditions of plants. Filter replace time depends on input-output different pressure, decreasing flow rate and when reaches deforming value of that plant according to conditions. Filters are suggested to be replaced in about 1-2 months at home usage or when external surface contamination increased. Washing old filters impair the efficiency of filtration and it is against to filtration technology. Our products has national barcode, CE sign, National Databank and approved by Ministry of Health Republic Of Turkey.

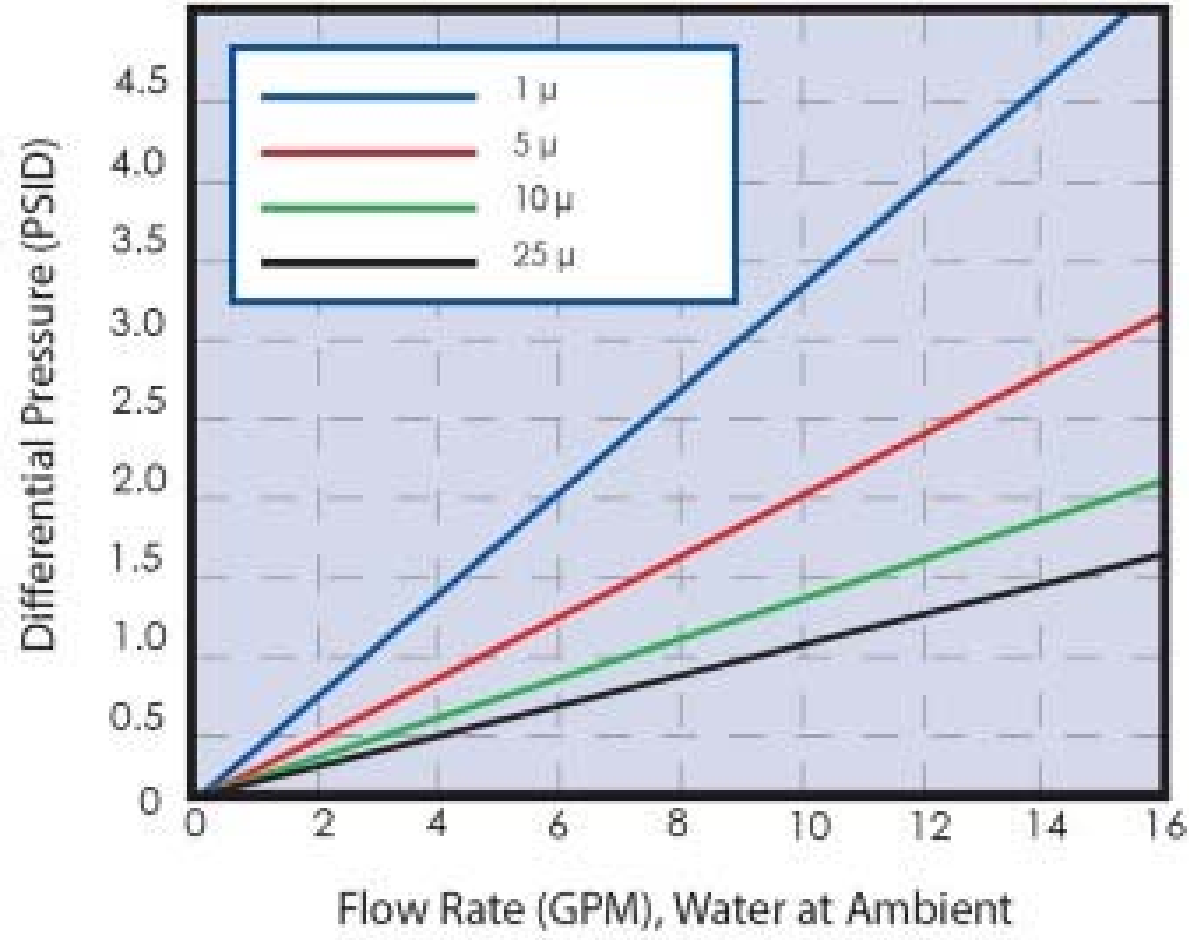


CARTRIDGE FILTERS

String Wound Filter Cartridge

PRODUCT TABLE

Filters Media	Filters Length	Micron	Core Materials	Interior Diameter	Outer Diameter	Double Open End Filters (DOE)	Single Open End Filters (SOE)	Filter O-rings and Gaskets
Polypropylene	5 inch (127mm)	0,8	Polypropylene	28mm +1	58mm +1	DOE	222 O-ring - End Cap	EPDM
Polyester	10 inch (254mm)	1	Stainless Steel 304	30mm +1	60mm +1	DOE Flat Gasket	226 O-ring - End Cap	Silicon
Natural Cotton	20 inch (508mm)	3	Stainless Steel 316		107mm +1	DOE With End Cap Flat Gasket	222 O-ring - Spear Cap	Viton
White Cotton	30 inch (762mm)	5	Carbon Steel		110mm +1		226 O-ring - Spear Cap	NBR
Nylon	40 inch (1015mm)	10						
Glass Fiber	50 inch (1270mm)	20						
Acrylic	60 inch (1524mm)	25						
	70 inch (1778mm)	50						
	80 inch (2032mm)	100						
		150						



Box Size	Case Weight	Height	Beam	Length	Number of Filters	
20 inch	630 gram	375 mm	315 mm	570 mm	10 inch 50	20 inch 25
30 inch	885 gram	370 mm	300 mm	785 mm	25	
40 inch	1295 gram	365 mm	330 mm	1050 mm	25	

PROSES TİCARET İMALAT MÜHENDİSLİK
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