



聚丙烯折叠滤芯 PP Pleated Filter Cartridge

材质与结构

- 膜堆由聚丙烯超细纤维膜（属于深层过滤）及导流层组成，具有较大的纳污量，滤芯端盖，壳体及中心杆均采用聚丙烯材质。
- 折叠式滤层，增加纳污量和流量，提高使用寿命，各部分密封均采用无粘接剂的热熔焊技术，熔封构成完整整体。

用途

- 电子工业：高纯水预过滤等。
- 食品饮料工业：矿泉水、酒类、果汁过滤。
- 医药卫生工业：药液、气体等过滤。
- 化学工业：有机溶剂过滤等。
- 石油工业：油田注水过滤。

Material and Construction

- The membrane stack consists of polypropylene microfibre membrane (which belongs to deep filtration) and a diffusion layer. It has huge polluted amount, the filter element cover, shell and center rod are all made of polypropylene.
- Folding filter layer which could not only increase the amount of pollutants and flow, but also increase service life. All parts of the seal are made of non-adhesive hot melt welding technology, and the melt seal constitutes a complete whole.

Application

- Electronics industry: high purity water pre-filtering, etc.
- Food and beverage industry: Mineral water, alcohol, juice filtration.
- Medical and health industry: filtration of liquids, gases, etc.
- Chemical Industry: Organic solvent filtration.
- Oil industry: oilfield water filtration.

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品名 Article Number	精度 Accuracy		除去率 Rejection Rate	100%	99.9%	99%	有效过滤 面积 Effective Filter Area (250mm:IPCS)
	精度 Accuracy			-	$\beta=1000$	$\beta=100$	
TPP-002	0.22 μ			0.5	0.2	0.15	0.65m ²
TPP-004	0.45 μ			0.7	0.45	0.3	0.65m ²
TPP-010	1 μ			2.8	1	0.9	0.64m ²
TPP-030	3 μ			5.4	3	2.8	0.59m ²
TPP-050	5 μ			7.6	5	4.5	0.56m ²
TPP-100	10 μ			13.9	10	9.1	0.63m ²

耐药品性

药品名称		聚丙烯	药品名称		聚丙烯
Name of Drug		Polypropylene	Name of Drug		Polypropylene
戊醇	Amyl Alcohol	R	三氯乙烯	Chlorylene	LR
苯甲醇	Benzyl Alcohol	R	盐酸(浓)	Concentrated Hydrochloric Acid	R
丁醇	Butyl Alcohol	R	硝酸(浓)	Concentrated Nitric Acid	R
乙醇	Alcohol	R	磷酸(浓)	Strong Phosphoric Acid	R
异丙醇	Isopropyl Alcohol	R	氢氟酸6N	Hydrofluoric Acid 6N	NR
甲醇	Methanol	R	甲基异丁基酮	Methyl Isobutyl Ketone	R
二甲苯	Dimethylbenzene	NR	甲醛37%	Formaldehyde 37%	R
甘油	Glycerine	R	乙烷(无水)	Ethane Anhydrous	LR
四氯化碳	Carbon Tetrachloride	LR	吡啶	Pyridine	LR
二氯化乙烯	Ethylene Dichloride	LR	乙腈	Methyl Cyanide	LR
氟利昂TMC	TMC Freon TMC	LR	醋酸戊酯	Amyl Acetate	R
全氯乙烯	Perchlorethylene	LR	醋酸丁酯	Butyl Acetate	LR
冰醋酸	Glacial Acetic Acid	R	醋酸纤维素	Cellulose Acetate	R
盐酸6N	Hydrochloric Acid 6N	R	醋酸乙酯	Acetic Ether	LR
硝酸6N	Nitric Acid 6N	R	醋酸甲酯	Methyl Acetate	R
硫酸(浓)	Oil of Vitriol	R	醋酸异丙酯	Isopropyl Acetate	R
甲基乙基酮	Methyl Ethyl Ketone	R	氢氧化铵3N	Ammonium Hydrate 3N	R
二甲基酰胺DMF		R	氢氧化铵6N	Ammonium Hydrate 6N	R
汽油	Benzine	LR	氢氧化钾3N	Caustic Potash 3N	R
苯酚	Phenol	R	氢氧化钠3N	Caustic Soda 3N	R
水	Water	R	氢氧化钠6N	Caustic Soda 6N	R
乙醚	Aether	LR	润滑油	Lube	R
异丙醚	Isopropyl Ether	R	花生油	Arachis Oil	R
二恶烷	Dioxane	R	芝麻油	Gingili Oil	R
四氢呋喃	Butylene Oxide	LR	丙酮	Acetone	R
苯	Benzene	NR	环己酮	Nadone	R
甲苯	Methylbenzene	NR	苯胺	Amidobenzene	LR
亚乙基二醇	Ethylidene Glycol	R	甲醛4%	Formaldehyde 4%	R
丙二醇	Propanedio	R	煤油	Coal Oil	R
三氯甲烷	Trichloromethane	LR	松节油	Terebenthene	LR
氟利昂TF	TF Freon TF	LR	硫酸镍溶液	Nickel Sulfate	R
二氯甲烷	Methylene Chloride	LR			

R可以使用 (Satisfactory)
LR有条件使用 (Satisfactory under low temperature , low concentration)
NR不适用 (no data)

产品规格编号对照表

品种 Item	精度 Precision	接口 Adaptor	O型圈 O-ring	长度 Length	材质 Material	——	编号示例 Code Eg.
TPP:折叠	02:0.2um	0:2-222	S:Silicon硅胶	1:10"	PV:PP		TPP-02-0-S-1-PV
	04:0.45um	7:2-226	E:EPDM橡胶	2:20"	TV:PTFE(聚四氟乙烯)		
	10:1um	F:Double	V:Viton氟橡胶	3:30"	UV:PESU(聚醚砜)		
	50:5um	O:Open end		4:40"			
	1H:10um						
	2H:20um						

如果客户需要的产品与以上产品的规格尺寸不同，我们也接受非标产品的制作。
We also accept special orders according to customer's requests.



滤芯的构造

项 目 Item	技术指标 Specification
工作温度 Temperature	一般型 < 60℃, (ΔP: 0.03MPa) 高温型 < 90℃, (ΔP: 0.02MPa)
设计工作流量 Flow Rate	0.3T/H · 10"
可耐最大压差 (60℃) ΔP(MAX)	0.1MPa正向/0.1MPa inpouring 0.06MPa反向/0.06MPa outpouring
蒸汽灭菌 Steam Slerilizing	121℃/30min

