

PORPRO - economy

Description

- Optimal filtration area by pleated media which combined with depth and surface filtration
- High excellent quality price performance for frequent change process
- All polypropylene media.
- Broad range chemical compatibility
- High flow rates, high dirt-holding capacity
- Manufactured in a clean room (10,000 Class)
- Lowest extractable and stable structure by thermally bonded components
- ISO9001 & ISO14001



Product Features

- Super ranged flow rates and throughputs
- All materials are FDA listed
- It have been received one of the highest reputation on electronics and food market
- Accumulated experience with major industrial customers application

Applications

- RO/DI filtration, General Water Filtration, Serum and Biologicals, Solvent
- Beverage/Wine Clarification, Recirculating Liquids, Reagent Grade Chemicals
- Pharmaceutical industry, Biological industry, Electronic industry
- Food and Beverage industry

Specifications

Materials

- Medium : Pleated graded-density melt-blown polypropylene or Borosilicate microfiber glass with acrylic (support layer : spun bonded polyester)
- Core, cage and end caps : Polypropylene, Reinforced P.P by Talc, High Density Polyethylene
- Support and drainage : Polypropylene •Sealing : Thermal bonding
- O-ring options : Viton, Silicon, EPR & Teflon encapsulated type(BSI Registered)

Operating conditions :

- Maximum operating temperature : 90°C
- Maximum forward differential pressure : 3.5bar at 90°C, 5.5bar at 50°C

Liquid Particle Retention ratings

Micron Rating	$\beta=10$ 90.0%	$\beta=1,000$ 99.0%	$\beta=5,000$ Absolute
Nominal 0.1	0.62	0.86	0.98
Nominal 0.2	1.40	1.73	2.00
Nominal 0.45	2.86	3.55	4.02
Nominal 0.6	4.39	5.78	6.21
Nominal 1	6.3	9.1	10.2
Nominal 10	12.5	16.3	20.5
Nominal 20	17.2	20.8	25.7
Nominal 40	20.1	29.2	35.5

*The removal efficiency is obtained using specified testing standard dusts.

Part Number Identification

CSP - □□□□ - □□ - □□□□
 ①②③④ ⑤⑥ ⑦

①	②	③	④	⑤	⑥	⑦
End style	Material of Medium	Material of Parts	Seal materials	Length	Grade	Micron Rating
1: DOE	P: P.P	1: P.P(85°C)	S: SILICONE E: EPR V: VITON F: FEP Encapsulated	1 : 250mm	N: Nominal Rating	0.1
2: 226/FLAT		2: Reinforced		2 : 500mm		0.2
3: 222/FLAT		P.P(105°C)		3 : 750mm		0.45
7: 226/FIN		3: High		4 : 1000mm		0.6
8: 222/FIN		Density		5 : 62.5mm		1
Z: CAPSULE		PE(130°C)		6 : 125mm		10
(Multi-Cartridge)						20
			40			