

Cartridge Specifications

Media : Polyethylene and Polypropylene

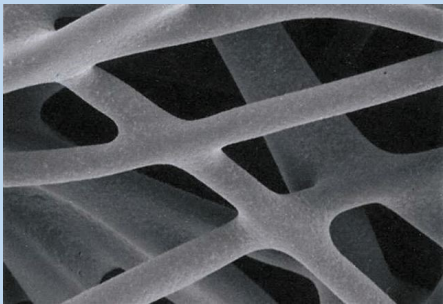
Filtration rate

Nominal : 5, 10, 25, 50, 75, 100, 150, 185 micron

Dimension

For JM Housing:
ID x OD x Length
10mm x 20mm x 74 mm

For M20 Housing :
ID x OD x Length
8mm x 11mm x 17mm



mini FILTER Cartridges

Self-Bonding Binder-Free mini Cartridge Filter for Point-of-Use Filter System

For spray guns, stainless mesh filters are usually used. However, mesh filters do not trap gel particles. The JNC mini-FILTER is a small type of CP-FILTER that effectively removes gel contamination using bi-component technology & depth structure. mini-FILTER can be placed just before the spray gun and works as a gatekeeper in the paint process

Features

Structure

Only polyolefin thermally bonded bi-component fibers are used for Mini-FILTER Cartridge, and the fiber-to-fiber bond forms a stable porosity.

Advantages

- The fiber-to-fiber bond at each contact point featuring integral rigid thermally bonded construction enables consistent filtration and eliminates pore size variability and media migration.
- A rigid filter structure of fused self bonding fibers in a three dimensional network with a high tolerance for differential pressure is achieved.
- The diameter of the structural fibers is changed for every grade, and the grades are clearly differentiated from a nominal filtration size of 5µm to 185µm.

Application

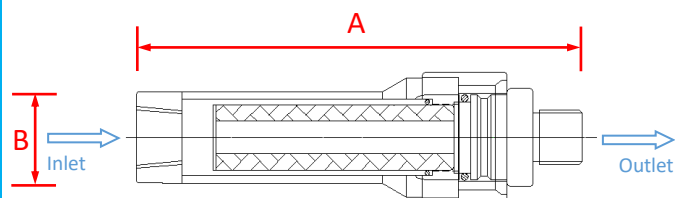
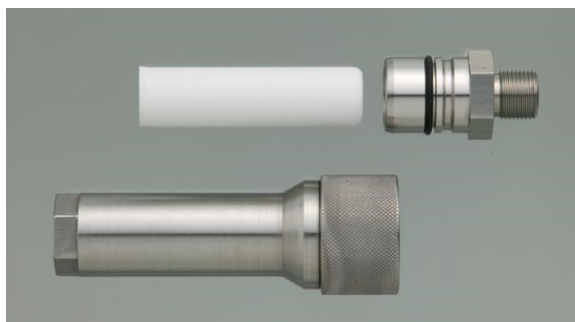
General Industry :Splay gun Paint

Chemicals : Paint, Ink, etc.

Electronics : Optical films, PCB, FPC, etc.

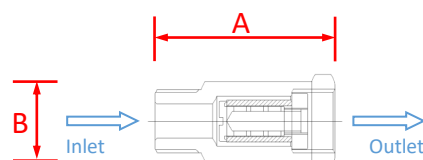
Filter Rating			
For JM Housing		For M-20 Housing	
Grade	Nominal rating	Grade	Nominal rating
CPS-BR-1005	5 µm		
CPS-BR-1010	10 µm	CPS-0810	10 µm
CPS-BR-1025	25 µm	CPS-0825	25 µm
CPS-BR-1050	50 µm	CPS-0850	50 µm
CPS-BR-1075	75 µm	CPS-0875	75 µm
CPS-BR-10100	100 µm	CPS-08100	100 µm
CPS-BR-10150	150 µm	CPS-08150	150 µm
CPS-BR-10185	185 µm	CPS-08185	185 µm

JM for Small Volume



Dimension A	137 mm
Dimension B	28 mm
Weight	0.6 kg
Body Material	SUS304
Sealing Material	Perfluoro Polyether
Inlet	Rc3/8" Female
Outlet	G3/8" Male

M-20 for Minimum Volume



Dimension A	47 mm
Dimension B	21 mm
Weight	30 g
Body Material	Aluminum, Brass
Sealing Material	Fluoro Polymer
Inlet	Rc3/8" or Rc1/4" Male
Outlet	Rc3/8" Female

Ordering Guide

Code information					Sales Unit
Grade		Filter Rating	ID & OD (mm)	Length (mm)	SPQ (pcs/ctn)
CPS -	(Housing JM) BR-10	05 (5 μm) 10 (10 μm) 25 (25 μm) 50 (50 μm) 75 (75 μm) 100 (100 μm) 150 (150 μm) 185 (185 μm)	10 - 20 -	74	50
	(Housing M-20) 08	10 (10 μm) 25 (25 μm) 50 (50 μm) 75 (75 μm) 100 (100 μm) 150 (150 μm) 185 (185 μm)	08 - 11 -	17	100
Example : CPS-BR1010 10-20-74 (SPQ 50pcs)					
CPS -	BR-10	10	10-20-	74	50

* Description of each characteristic data is based on our original test methods. The actual data may differ slightly from the data shown here by use conditions.

* Please be reminded that we may change this content without advance notice.

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