



Specifications

Media	: Polyethylene and Polypropylene
End Parts	: Polypropylene
Gaskets	: PE Foam
O-Ring	: NBR, EPDM, Silicone, FKM (Fluorine Rubber) E-FKM (Encapsulated Fluorine Rubber)

Filtration rate

Nominal	: 40, 50, 75, 100, 130, 180 micron
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Dimension

Double Open Ended (DOE) :
ID x OD x Length
30mm x 64mm x 250, 500 mm

Single Open Ended (SOE) :
ID x OD x Length
25mm x 70mm x 10", 20"

Operating Conditions:

Maximum Operating Temperature:
80°C (175°F)
Replacement Differential Pressure:
0.15MPa (22psi)
Maximum Differential Pressure:
0.35MPa (51psi) @ 20°C (68°F)

CLEAL[®]

AS Filter Cartridges

Special Designed Cartridge Filter for Highly Concentrated Slurry

Features

Structure

Excellent Classification Filter with long life and high performance for high concentrated slurry liquids which is essential to an electrode manufacturing process in Lithium Ion Battery.

Advantages

- The ES fibers uniquely developed and patented by JNC are used, and 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.
- Use of 3D matrix non-woven fabrics can prevent media layers from deforming and this results in consecutive filtration even in high concentrated slurry liquids.
- A rigid filter structure of fused ES fibers in a three dimensional network with a high tolerance for differential pressure is achieved.

Quality

- Production at ISO 9001 Certified factory
- Production at ISO 14001 Certified factory

Application

General Industry :

Various Slurry Liquids (Metallic Paint, Pigmented Ink etc.)

Chemicals :

Various Slurry Liquids

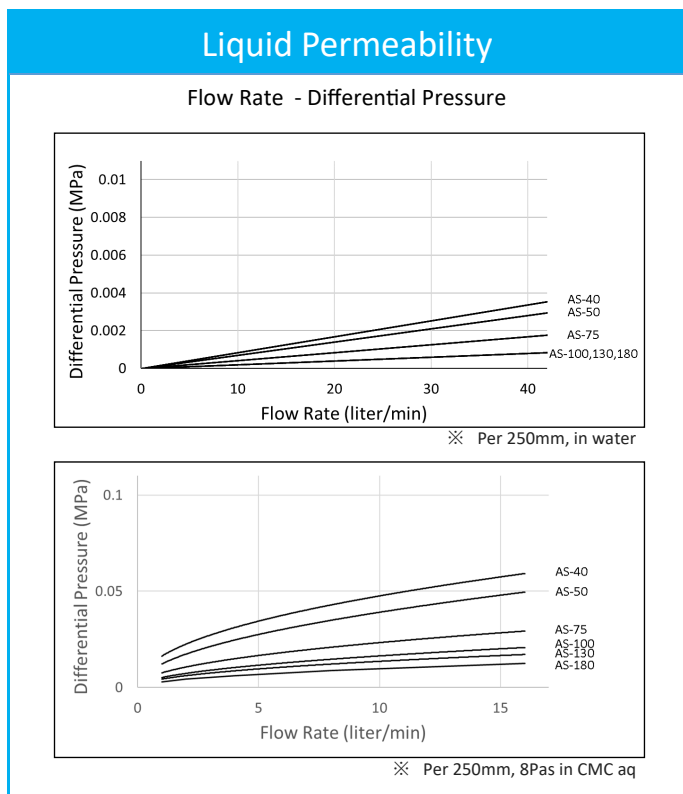
Food :

Various Slurry Liquids

Electronics:

Various Slurry Liquids (LIB Electrode, Separator Coating Liquid, Ceramic Capacitor etc.)

Filter Rating	
Grade	Nominal rating
AS-40	40 μm
AS-50	50 μm
AS-75	75 μm
AS-100	100 μm
AS-130	130 μm
AS-180	180 μm



Filter End Configuration	
G0	Flat Gasket End
E7	226 O-ring with Spear closed End
M3	222 O-ring with Flat closed End
M6	226 O-ring with Flat closed End
M8	222 O-ring with Spear closed End

Ordering Guide								
Code Information								Sales Unit
	Filter Rating		End Type / Seal Material		ID/OD (mm)	Length (mm)		SPQ(pcs/ctn)
AS -	40	(40 μm)	(DOE)		30 - 64-	250		50
	50	(50 μm)	G0 (Flat Gasket End / PE Foam)			500		25
	75	(75 μm)			25 - 70 -	(E7)	319, 568	6
	100	(100 μm)	(SOE)	1 (NBR)		(M3)	265, 513	6
	130	(130 μm)	E7 (226 O-ring with Spear End)	2 (Silicone)		(M6)	275, 525	6
	180	(180 μm)	M3 (222 O-ring with Flat End)	3 (FKM)		(M8)	319, 568	6
			M6 (226 O-ring with Flat End)	4 (E-FKM)				
			M8 (222 O-ring with Spear End)	5 (EPDM)				
例 : AS-50M65 25-70-525 (SPQ 6pcs)								
AS -	50	M6	5	25-70-	525	6		

- * 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.
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