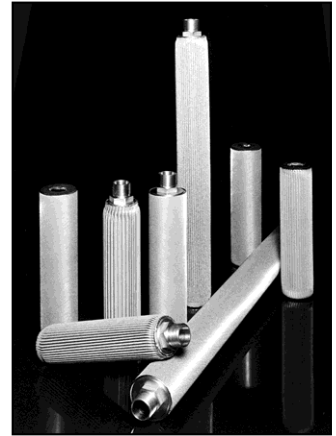


FILTERITE® DYNALLOY® AND DYNAMESH™ SERIES FILTER CARTRIDGES

- 3 Times Greater Dirt Holding Capacity Than Conventional Metallic Cartridges
- 4 Times Higher Flow Than Comparable Metallic Cartridges
- 2 Times Higher Porosity and Permeability of Competitive Metallic Cartridges
- Absolute Rated Filtration (Dynalloy)
- All Welded Construction, No Extractables
- No Media Migration, Non-Fiber Releasing
- Excellent Mechanical Strength
- Pleated Element Configurations
- Resistance to Contaminant Unloading



Performance Specifications

Table 1				
DYNALLOY MEDIA				
Retention Ratings (microns)				
Media Grade	Liquid		Gas	
	Nominal	Absolute	Nominal	Absolute
03	1	3	0.3	1
04	3	5	0.6	1.7
05	5	10	1	2.9
06	10	15	3	9
09	25	35	8	19
11	30	40	10	14
12	45	60	15	20

Table 2	
DYNAMESH MEDIA	
Retention Ratings (microns)	
Media Grade	Liquid Nominal
10	12
40	40
70	70
100	100
140	140
250	250
465	465
590	590
840	840

Product Specifications

Materials of Construction:

- Filter Media:
- Dynalloy: Sintered (metallurgically bonded) Stainless Steel fibers
 - Dynamesh: Woven Stainless Steel wire cloth
- Filter Material:
- A = 304 Stainless Steel
 - S = 316 Stainless Steel
- End Configurations: DOE, NPT, M3, M6
- Gaskets/O-rings: Buna N, Viton A, EPDM, Neoprene, Expanded PTFE

Cartridge Filter Area (sq. ft.)			
Nominal Length	PSC Cylindrical Dynalloy	PSP Pleated Dynalloy	PWC Pleated Dynamesh
10"	0.55	1.35	1.10
20"	1.10	2.70	2.20
30"	1.65	NA	3.30

Dimensions (nominal):

- Outside Diameter: 2.5" (6.4 cm)
- Lengths: 10" (25.4 cm), 20" (50.8 cm), 30" (76.2 cm)

Maximum Temperature:

750° F (399° C)

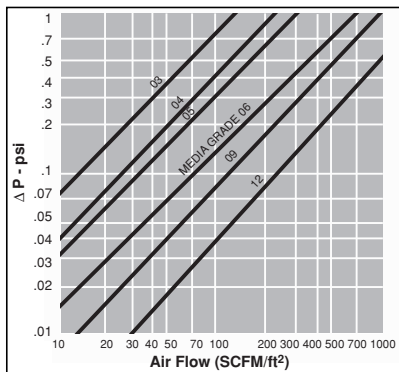
Maximum Pressure:

2,500 psid (172.4 bar)

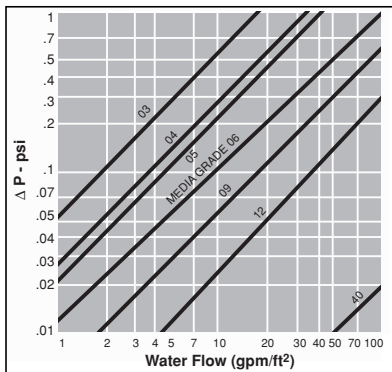
FILTERITE DYNALLOY AND DYNAMESH SERIES FILTER CARTRIDGES

Flow Specifications

Air Flow* vs ΔP



Water Flow vs ΔP



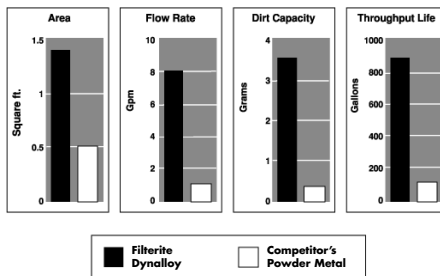
* 100 PSI inlet pressure.

Advantages of Pleated Dynalloy Cartridges

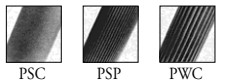
The unique capability of Dynalloy fiber metal media to be pleated offers significant advantages over rigid, non pleatable powder metal. Pleated Dynalloy cartridges provide Superior Flow, Contaminant Capacity and Life. This means fewer cartridges and smaller systems to do the same job, typically 1/2 to 1/4 the number and size required with powder metal.

Applications for Dynalloy and Dynamesh Cartridges

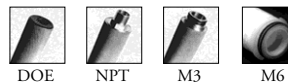
- | | |
|-----------------------------|-------------------------------------|
| High Temperature | Toxic or Hazardous Substances |
| High Differential Pressure | Recovery of Precious Particulate |
| Corrosive Liquids and Gases | Electronics Grade Chemicals & Gases |
| Viscous Fluids | Hydraulic Oil |
| Process Steam | Cryogenics |



Ordering Information



PSC 04 10 A DOE



Metallic Media:

- PSC = Cylindrical Dynalloy
- PSP = Pleated Dynalloy
- PWC = Pleated Dynamesh

Media Grade:

- Dynalloy (See Table 1)
- Dynamesh (See Table 2)

Cartridge Lengths (nominal):

- 10", 20", 30" (consult factory for availability of 30" cartridges in PSP)

End Configurations:

- NPT - 1" NPT SOE
- M3 - SOE flat closed end, external 222 O-rings (replaces MILLIPORE® Code 0)
- DOE - Double open end with elastomer gasket seal & end caps
- M6 - SOE flat closed end, external 226 O-rings (replaces Millipore Code 6)

Gasket/O-Ring Materials:

- Buna N, Neoprene, Viton A, EPDM, Expanded PTFE

Media Construction:

- A = 304 Stainless Steel
- S = 316 Stainless Steel



Filterite Division

2118 Greenspring Drive
Timonium, Maryland 21093

410.252.0800 phone
410.560.2857 fax
www.filterite.com website
filterite@pall.com e-mail

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