

CMNY Nylon Melt-blown Filter Cartridges

CMNY series

CMNY series filter is a deep filter cartridge that integrates nylon through the melt-blown process, and has a rigid body to avoid breakage. The unique gradient density structure improves the dirt holding capacity and filtration efficiency, and has the characteristics of low pressure difference and long life, which is suitable for the filtration of chemical solvents, hydrocarbons, aromatic compounds and high temperature conditions.

Features

- Melt-blown nylon microfiber
- Low initial differential pressure
- Nominal rated @ 90%
- The gradient density structure
- Free of binders, adhesives and surfactants
- High temperature resistant (up to 120°C)
- FDA compliant nylon

Applications

- High temperature/steam sterilization of food and beverages
- Vapor degreasing
- Solvents
- Hydrocarbons
- Aromatic compounds
- Amine
- Clarification of kerosene, gasoline and diesel
- Paints & varnishes
- Lacquers
- Hydraulic oil
- E-coat
- Liquid propane gas (LPG)
- High temperature fluids
- Emulsions

Specifications

Codes

CMNY

Material of Construction

Filter media: melt-blown nylon

Inner core: nylon

End cap: nylon

Gaskets: Silicone, EPDM, Buna-N, Viton

End Caps

DOE,
DOE with gasket,
222/flat,
222/fin,
226/flat,
226/fin

Cartridge Diameter

OD: 2.5" (63.5mm)

ID: 1.1" (28mm)

Cartridge Length

9.75" (248mm)
9.87" (251mm)
10" (254mm)
20" (508mm)
30" (762mm)
40" (1016mm)

Micron Rating

1, 3, 5 10, 25, 50, 75, 100µm

Efficiency

Nominal rated @ 90%



Max. Operating Temp.

120°C (149°F)

Suggested Differential Pressure

Max-dirty (coreless):

1~25µm: 2.5 bar @ 25°C (36 PSIG @ 77°F)

50~100µm: 1 bar @ 25°C (14 PSIG @ 77°F)

Optimum change out (with core):

3.5 bar @ 25°C (51 PSIG @ 77°F)

1 bar @ 120°C (14 PSIG @ 248°F)

**Depends on the respective application requirements.*

Ordering Information

CMNY	-5	-40	D	
Codes	Micron Rating	Cart. Length	End Caps	Inner Core
CMNY	1, 3, 5 10, 25, 50, 75, 100µm	975: 9.75" (248mm) 987: 9.87" (251mm) 10: 10" (254mm) 20: 20" (508mm) 30: 30" (762mm) 40: 40" (1016mm)	D: DOE G: DOE with gasket S: 222/flat (code 3) T: 222/fin (code 8) U: 226/flat (code 2) V: 226/fin (code 7)	Blank: none N: nylon core

Seadon Filtration

ISO 9001 Certified Manufacturer

Headquarter

Seadon Filtration Limited

No.423 Fumin RD, Dongzhou, Fuyang, Hangzhou, Zhejiang, China

Tel: +86 153 9423 8672

Email: info@seadonfiltration.com

Web: www.seadonfiltration.com

Distributed By