

### CAUSANYL

#### All Nylon Depth Filter Cartridge

The CausaNyl melt blown depth filter cartridges are designed for those applications which polypropylene filters cannot be used. CausaNyl filter cartridges are suitable for high temperature applications as well as applications involving solvents, hydrocarbons and aromatics. Other features include integral molded centre core and a full range of thermal welded end caps to ensure maximum compatibility with existing installations.

#### Features & Benefits

- Micro-denier melt-blown Nylon fiber, high removal ratings and low pressure drop.
- Range of filtration ratings from 1 to 100 µm.
- Graded density structure for maximum dirt holding capacity
- Rated for temperature up to 120°C
- Excellent chemical compatibility with solvents, hydrocarbons & aromatics
- High void volume, resulting in low differential pressure and excellent dirt holding capacity
- No resins, binders or anti static agents to ensure minimal extractables.
- Strong because of inner core support
- Formed by thermal bond without use of any binders and adhesives.
- In compliance with the latest EC Directive for food contact.

#### Applications

- Particularly suitable for the petrochemicals
- Fine chemical industries,
- High temperature applications
- All applications which polypropylene filters cannot be used



Many variations available

### Product Specifications

#### Filter micron ratings:

1 µm, 5 µm, 10 µm; 25 µm, 50 µm, 75 µm and 100 µm

#### Material:

All-Nylon Filtermedia: Melt-blown micro-denier Nylon fiber  
 Core & End cap Material: Nylon

#### Dimensions:

Length: 9.87", 10", 20", and 30" (251, 254, 508 and 762 mm)

Inner diameter: 28 mm  
 Outer diameter: 63 mm

#### Operating

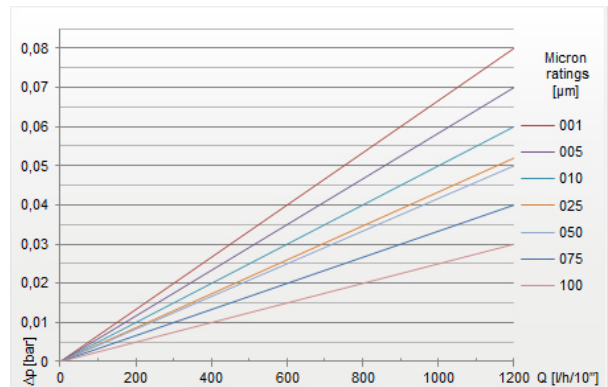
Max. operating forward pressure: (not including Nylon core)  
 1 ~ 25 µm: 2.5 kg/cm<sup>2</sup>  
 50 ~ 100 µm: 1.0 kg/cm<sup>2</sup>

Max. operating temperature: 120°C

### Efficiency of filtration

Cartridge	Initial Efficiency of Filtration	
CNL-001	2 µm	>90%
CNL-005	5 µm	>90%
CNL-010	10 µm	>90%
CNL-025	25 µm	>90%
CNL-050	50 µm	>90%
CNL-075	75 µm	>90%
CNL-100	100 µm	>90%

### Initial Pressure Drop



### Ordering Information for CausaNyl

Example: CNL-025-20-DOX = Causanyl, filtration efficiency 25µm, 508mm long, double open end, no gaskets

CNL-	XXX-	XX-	XX	X
Cartridge Code	Particle Removal Rating (µm)	Nominal	End Cap Configuration	Gasket
CNL = CausaNyl	001 = 1.0	05 = 5" (125mm)	DO = double open end	B = NBR
	005 = 5.0	09 = 9.87" (250mm)	SF = 226 O-ring / Fin	E = EPDM
	010 = 10	10 = 10" (254mm)	SC = 226 O-ring / flat	S = Silicone
	025 = 25	19 = 19.75" (500mm)	TF = 222 O-ring / Fin	V = FKM
	050 = 50	20 = 20" (508mm)	TC = 222 O-ring / flat	T = PFA encapsulated Viton
	075 = 75	30 = 30" (762mm)	XT = single open end <sup>(new)</sup> with plastic spring	X = no gasket
	100 = 100	40 = 40" (1016mm) (SF - XT only in 10,20,30 and 40")		

### Adapter- and End Cap Configuration

