LENNTECH
info@lenntech.com
www.lenntech.com
Tel. +31-15-261.09.00
Fax. +31-15-261.62.89

DFT Classic® Series Filter Cartridges

Reliable, Consistent Filtration Performance From Each Cartridge

- Graded pore structure for efficient removal of a wide range of particle sizes
- Cost savings from long service filter life
- Diverse range of removal ratings
- Wide chemical compatibility
- Suitable for liquid and gas filtration
- High contaminant-holding capacity
- Cartridges fit into most standard housings
- Various cartridge sealing options
- Numerous cartridge configurations
- Manufactured under ISO 9001 quality system

Performance Specifications

Filter Grades:
0.5, 1, 2, 3, 5, 7, 10, 15, 20, 25, 30, 40, 50, 75, 100, 150, 200, 250, 300, 350 µm

Maximum Temperature Rating:
See Material Selection Guide (page 2)

Product Specifications

Materials of Construction

Filter Media:
Bleached FDA-listed cotton, standard cotton, natural cotton, glass fiber, heat purified glass fiber, FDA-listed polypropylene, standard polypropylene, rayon, polyester, nylon, acrylic, polyphenylene sulfide (PPS).

Center Core:
Polypropylene, Electrolytic Tin Plated steel (ETP), 304 stainless steel, 316 stainless steel.

Core Cover Option:
Used to control fiber migration; compatible with existing fiber. Materials include polypropylene, nylon, fiberglass, and polyester.

End Treatment Option:
Additional fiber migration control; compatible with existing fiber material.

Dimensions (nominal):

Outside Diameter:	2" (5.1 cm), 2 ⅜" (6.0 cm), 2 ½" (6.4 cm), 2 ⅝" (6.7 cm) optional
Inside Diameter:	1" (2.5 cm)
Lengths[1]:	9 ¾" (24.8 cm), 10" (25.4 cm), 19 ½" (49.5 cm), 20" (50.8 cm), 29 ½" (74.9 cm), 30" (76.2 cm), 39" (99.1 cm), 39 ½" (100.3 cm), 40" (102 cm), 49 ½" (125.7 cm), 50" (127 cm)

Typical Applications

- **Chemicals:** polishing of chemical solutions, bulk industrial chemicals, solvents, acids, bases, monomers, process and cooling water
- **Magnetic Coatings:** audio, video & computer tape, floppy discs, computer hard discs, solvents
- **Photographic:** photo emulsions, chemicals, wash & rinse water
- **Food & Beverage:** edible oils, spice oils
- **Oil Production:** well completion fluids, water flood
- **Air & Gas:** compressed air, instrument air, most gases including nitrogen, hydrogen, helium, freon, most corrosive gases
- **Other:** solution mining, deep well disposal, paint, ink & coatings, lubricating oils, electropolishing solutions, plating solutions, pigments & dyes, cleaning fluids, adhesives.

[1] *For additional length requirements, consult your Pall representative.*

Material Selection Guide

Filter Medium	Premium Cotton[2]	Premium Polypropylene[2]	Rayon	Polyester	Glass Fiber	PPS	Nylon	Acrylic
Maximum Temperature								
with metal core	300°F (149°C)	200°F (93°C)	300°F (149°C)	250°F (121°C)	750°F (399°C)	375°F (191°C)	250°F (121°C)	200°F (93°C)
with polypropylene core	140°F (60°C)	140°F (60°C)	140°F (60°C)	140°F (60°C)	140°F (60°C)	140°F (60°C)	140°F (60°C)	140°F (60°C)
Compatibility with:								
Potable Liquids, Water	Excellent	Excellent	Good	Good	Poor	Excellent	Poor	Good
Organic Solvents	Excellent	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Good
Oils	Excellent	Fair	Excellent	Good	Excellent	Excellent	Excellent	Good
Organic Acids	Good	Excellent	Good	Good	Excellent	Excellent	Fair	Good
Alkalies	Good	Excellent	Good	N/R	Poor	Excellent	Excellent	Fair
Oxidizing Agents	Fair	Poor	Fair	Good	Excellent	Poor	Fair	Good
Steam, Non-Continuous	N/R	Fair	N/R	Fair	N/R	Fair	Fair	Poor
Strong Inorganic Acids	N/R	Excellent	Poor	Fair	Excellent	Excellent	N/R	Good
Dilute Inorganic Acids	Fair	Excellent	Fair	Good	Excellent	Excellent	Poor	Excellent
Microorganism Resistance	Poor	Excellent	Poor	Excellent	Excellent	Excellent	Excellent	Excellent

N/R = Not Recommended

[2] *Please contact Pall Corporation to verify that the product conforms to your national legislation and/or regional regulatory requirements for water and food contact use.*

Part Numbers/Ordering Information

❖ ◗ ■ ✕ ☯ ● ▮ ◆ ▼ – ◗ – ✸ (e.g., G C010AW30SCE–EC1S–1PK)

Code ❖	Type of Service
Blank	Liquid
G	Gas/Air

Code ◗	Filter Medium
C	Bleached FDA-listed Cotton
E	Polyester
F	Glass Fiber
G	Heat Purified Glass Fiber
U	FDA-listed Polypropylene
P	Standard Polypropylene
RT	PPS
N	Nylon
O	Acrylic
R	Rayon
NC	Natural Cotton
SC	Standard Cotton

Code ■	Filter Grades
0.5	0.5 µm
001	1 µm
002	2 µm
003	3 µm
005	5 µm
007	7 µm
010	10 µm
015	15 µm
020	20 µm
025	25 µm
030	30 µm
040	40 µm
050	50 µm
075	75 µm
100	100 µm
150	150 µm
200	200 µm
250	250 µm
300	300 µm
350	350 µm

Code ☯	Integrally Wound
Blank	For under 10"
W	All cartridges over 10" are integrally wound

Code ✕	Outside Diameter (nominal)
A	2 1/2" (standard)
B	2 5/8"
D	2"
R	2 3/8"

Code ●	Cartridge Lengths (nominal)
9.75	9 ¾"
10	10"
19.5	19 ½"
20	20"
29.5	29 ½"
30	30"
39	39"
39.5	39 ½"
40	40"
49.5	49 ½"
50	50"

Code ▮	Core Material
A	304 Stainless Steel
S	316 Stainless Steel
T	Electrolytic Tin Plated Steel (ETP)
U	Polypropylene

Code ◆	Core Cover
Blank	None
C	Compatible with and equal to resistance of filter medium

Code ▼	End Treatment
Blank	None
E	Compatible with and equal to resistance of filter medium

Code ◗	Extended Core
Blank	None
EC1A	304 Stainless Steel
EC1S	316 Stainless Steel
EC1T	Electrolytic Tin Plated Steel (ETP)
EC1U	Polypropylene

Code ✸	Packaging
Blank	Bulk
1PK	Individually Wrapped

Pall Corporation has offices and plants throughout the world. For Pall representatives in your area, please go to www.pall.com/contact.

Please contact Pall Corporation for product applicability to specific National legislation and/or Regional Regulatory requirements for water and food contact use.

Because of technological developments related to the products, systems, and/or services described herein, the data and procedures are subject to change without notice. Please consult your Pall representative or visit www.pall.com to verify that this information remains valid.

1603-6C October 2009