

## CIF Series High Efficiency Pleated Paper Coreless Filter Cartridges



The patented Facet CIF Series high efficiency coreless pleated paper filter cartridges are designed to effectively remove solid contaminants. The filtration of potable liquids is not recommended with this series of filter cartridges.

These cartridges are constructed to meet the demanding requirements of the industrial filter market. Media with high efficiency throughout the life of the cartridge is available in ratings of 0.5 to 25 microns. We recommend replacing cartridges when the differential pressure reaches 15 psi. Effective life above 15 psid is minimal.

To use the CIF Series cartridge requires the one time installation of either a single, double, triple, or quadruple length center tube kit:

- CIF1KIT
- CIF2KIT
- CIF3KIT
- CIF4KIT

Each kit contains all necessary hardware and components required to convert any housing fitted for 6" (152 mm) OD x 3½" (89 mm) ID cartridges.

### Benefits

- Crushable-can reduce your disposal volume by approximately 80%
- No metal components
- Flow rates same as "M" Series
- Incinerable-check your local regulations
- Cartridge alignment is executed at top of center tube-easier, quicker
- Lightweight-contributes to reducing change out time
- Same performance and efficiency as M Series high efficiency pleated paper filter cartridges
- Nominal micron: 0.5, 1, 2, 5, 10, 15, 25
- Gaskets are Buna-N -other materials available upon request

### Applications

- Gasoline
- Diesel
- Coolants
- Jet Fuel
- Kerosene
- AV-gas
- Rolling Oils
- Lube Oils
- Chemicals and Solvents

# CIF Series High Efficiency Pleated Paper Coreless Filter Cartridges

## PERFORMANCE SPECIFICATION

SERIES	NOMINAL REMOVAL MICRON						
	0.5	1	2	5	10	15	25
CIF	•	•	•	•	•	•	•

## MATERIALS

### Filter media options:

0.5 - 25 µm: High Efficiency Pleated Paper

### Gasket Materials:

Standard: Buna-N

### Components:

Center Core: None

End caps: Engineered Plastics

Outer Body: Perforated Oil Board

Adhesives: Urethane

## FILTER SIZES AND DIMENSIONS

SERIES	DIMENSIONS					
	OD		ID		LENGTH	
	in	mm	in	mm	in	mm
CIF0.5L	6	152	3 ½	89	14 ½	370
CIF0.5LX2	6	152	3 ½	89	28 ¾	730
CIF0.5LX3	6	152	3 ½	89	43 ¼	1090
CIF0.5LX4	6	152	3 ½	89	57 ¾	1465
CIF1L	6	152	3 ½	89	14 ½	370
CIF1LX2	6	152	3 ½	89	28 ¾	730
CIF1LX3	6	152	3 ½	89	43 ¼	1090
CIF1LX4	6	152	3 ½	89	57 ¾	1465
CIF2L	6	152	3 ½	89	14 ½	370
CIF2LX2	6	152	3 ½	89	28 ¾	730
CIF2LX3	6	152	3 ½	89	43 ¼	1090
CIF2LX4	6	152	3 ½	89	57 ¾	1465
CIF5L	6	152	3 ½	89	14 ½	370
CIF5LX2	6	152	3 ½	89	28 ¾	730
CIF5LX3	6	152	3 ½	89	43 ¼	1090
CIF5LX4	6	152	3 ½	89	57 ¾	1465
CIF10L	6	152	3 ½	89	14 ½	370
CIF10LX2	6	152	3 ½	89	28 ¾	730
CIF10LX3	6	152	3 ½	89	43 ¼	1090
CIF10LX4	6	152	3 ½	89	57 ¾	1465
CIF25L	6	152	3 ½	89	14 ½	370
CIF25LX2	6	152	3 ½	89	28 ¾	730
CIF25LX3	6	152	3 ½	89	43 ¼	1090

Note: The dimensions are nominal. These are standard sizes. Many other sizes and combinations are available. Please call us for special sizes.

## TEMPERATURE / COMPATIBILITY GUIDE

MEDIA	MAXIMUM TEMPERATURE	pH RANGE	PETROLEUM PRODUCTS	CHEMICALS	AQUEOUS SOLUTIONS
Pleated Paper	240 °F	5 - 9	Excellent	Good	Fair

## CARTRIDGE ORDERING INFORMATION

SERIES	MICRON RATING	OUTER BODY	LENGTH	SPECIAL FEATURES
CIF	0.5 0.5, 1, 2, 5, 10, 15, 25	L L = Outer Body No designation = No outer body	X3 No designation = 14 ½" X2 = 28 ¾" X3 = 43 ¼" X4 = 57 ¾"	J = Non Asbestos Gasket N = Neoprene Gasket V = Viton Gasket

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## INSTALLATION INSTRUCTIONS



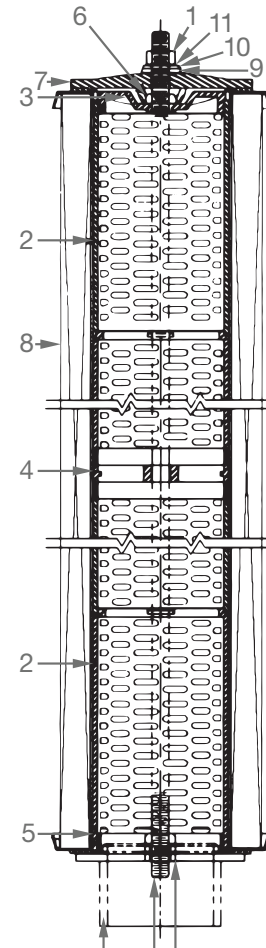
### Installation Instructions

#### To install the CIF Center Tube:

- 1- Remove existing filter cartridge. NOTE: Leave center rod in position.
- 2- Identify bottom of center tube. Only the top of center tube will accept top adaptor (3).
- 3- Place center tube assembly with the bottom guide (5) down making sure it is properly aligned on the existing cartridge adaptor.
- 4- For kit numbers CIF2, CIF3 and CIF4, be sure to properly align centering guide (4) over center rod.
- 5- Slide top adaptor (3) over center rod and secure in center tube using jam nut (6) (thinner of two nuts). Tighten to 5 foot pounds (6.78 Nm).

#### To install the CIF Cartridge:

- 1- Slide cartridge over center tube. Install NEW black yoke (7) domed head up.
- 2- Place rubber gasket washer (9) (supplied with filter cartridge) over center rod.
- 3- Place steel washer (10) over rubber gasket washer.
- 4- Place steel lock washer (11) over flat steel washer and secure to 5 foot pounds (6.78 Nm) with hex nut (1).



Existing Cartridge Adaptor  
Center Rod and Hex Nut

### PARTS FOR ASSEMBLY

Item	Part Numbers	Description	Quantity			
			CIF1KIT for 14½" cartridge	CIF2KIT for 28¾" cartridge	CIF3KIT for 44" cartridge	CIF4KIT for 57" cartridge
1	606443	Hex nut 1/2" - 13C-2B	1	1	1	1
2	640442	Center tube assembly	1	2	3	4
3	640444	Top adaptor	1	1	1	1
4	640445	Centering guide	0	1	2	3
5	640443	Bottom guide	1	1	1	1
6	606450	Jam nut 1/2" - 13C-2B	1	1	1	1
7	640549	Yoke	1	1	1	1
8		Filter cartridge	*	*	*	*
9		Gasket washer	*	*	*	*
10	6056402	Flat washer	1	1	1	1
11	606705	Lock washer	1	1	1	1

\* Indicates parts not included in kit-shown for reference only.