



but caution must be exercised in compatibility of not only the media, but adhesives, metal parts and gaskets.

Pleated paper separators provide a 5 micron filtration barrier. It is also offered in a 25 micron.

Teflon separators provide a 74 micron filtration barrier.

Synthetic separators provide a 50 micron filtration barrier.

Both Teflon and synthetic separator cartridges can be cleaned and reused in accordance with Facet procedures.

Facet is continually working with customers to optimize separator performance. Facet industrial separator cartridges are available in numerous configurations to replace most conventional coalescing cartridges. Facet can develop special configurations to meet specific applications requirements.

DESCRIPTION

Facet industrial separator cartridges provide efficient separation of water in a wide range of fluid process streams. These high performance liquid/liquid separators are used in applications where API certification is not required. The use of Facet industrial separator cartridges instead of conventional liquid/liquid separators can help reduce operating costs and improve product quality.

Facet industrial separator cartridges are manufactured using proprietary combinations of high performance filter media and pleat configurations. Facet has developed continuous length separator cartridges to retrofit most commercially available single length separators. The use of continuous length separators minimizes process downtime, reduces cartridge change-out costs and eliminates filter bypass concerns.

Generally, the pleated paper configuration is considered the best general purpose separator having an extended surface area and being changed simultaneously with its companion coalescer. Selection must be based on the physical and chemical properties of both phases. As in the case of coalescer cartridges, separator cartridges may be used in most finished petroleum products,

BENEFITS

- Proprietary filter media provides a high performance in a wide range of applications
- Continuous lengths minimize process downtime, reduce cartridge change-out costs and eliminate filter bypass concerns
- Designed for balanced flow through cartridge
- Electro-tin plated components help prevent rust and corrosion. Coated components are available as standard options
- Synthetic, plated, or coated end caps available
- 75 psid burst strength permits use in demanding applications

APPLICATIONS

- Chemicals, Resins, and Solvents
- Hydraulic Oils
- Hydrocarbons
- Petroleum Refining
- Pipelines and Petroleum Terminals
- Power Generation
- Pulp and Paper Industry
- Transformer Oils
- Turbine Oils

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PERFORMANCE SPECIFICATION

NOMINAL PARTICULATE REMOVAL

MICRON	5	25	50	74
SP	•	•		
SS			•	
ST				•

MATERIALS OF CONSTRUCTION

FILTER MEDIA OPTIONS:

SP Series: Silicone Treated, Pleated Paper
 SS Series: Synthetic Hydrophobic Mesh
 ST Series: Teflon® Coated Screen

METAL COMPONENTS:

Standard: Electro-tin Plated Components
 Optional: Powder Coated Epoxy Components

GASKET MATERIALS:

Standard: Buna-N
 Optional: Vegetable Fiber, Neoprene, Viton®, Non-asbestos Replacement

ADHESIVES: Thermoset PVC
 Urethane
 Epoxy

TEMPERATURE/COMPATIBILITY GUIDE

SERIES	MAXIMUM TEMPERATURE	pH RANGE	PETROLEUM CHEMICALS PRODUCTS	
SP	240° F	5-9	Excellent	Fair
SS	240° F	5-9	Excellent	Good
ST	240° F	5-9	Excellent	Good

CARTRIDGE ORDERING INFORMATION

SERIES	DIMENSIONS	FLOW TUBE	END CONFIGURATION	SPECIAL FEATURES
SS	611	F	D	N
SS	See Filter Sizes and Dimensions Table	F=Flow Tube	See Sealing and Mounting End Configuration Table	No Symbol = Buna N C = 25 micron (paper only) J = Non-Asbestos Gasket K = Tin Steel Components N = Neoprene Gasket V = Viton Gasket
SP				
ST				

FILTER SIZES AND DIMENSIONS

SERIES	OD (inches)	LENGTH (inches)
SZ611FB	6	11 ¼
SZ611FD	6	11 ¼
SZ614FB	6	14 ½
SZ614FD	6	14 ½
SZ616FD	6	16 ¼
SZ622FB	6	22 ¼
SZ622FD	6	22 ¼
SZ629FB	6	28 ¾
SZ629FD	6	28 ¾
SZ633FB	6	33 ¼
SZ633FD	6	33 ¼
SZ636FB	6	36
SZ636FD	6	36
SZ640FB	6	40
SZ640FD	6	40
SZ644FB	6	44
SZ644FD	6	44
SZ648FB	6	48
SZ648FD	6	48
SZ656FB	6	56
SZ656FD	6	56

Z=Series Designation

SEALING AND MOUNTING END CONFIGURATIONS

DESIGNATION	INSIDE DIAMETER			
	SEALING END		MOUNTING END	
	inches	mm	inches	mm
A	17/32	13	2	51
B	17/32	13	3 ½	89
C	1 7/8	48	1 7/8	48
D	3 ½	89	3 ½	89
E	17/32	13	4 1/8	105
F	17/32	13	4 ½	114
G	5 15/16	150	5 15/16	150
H	5 ½	140	5 ½	140

Note: The dimensions are nominal. These are standard sizes. There are many other sizes and combinations, not listed here, that are available. Please call us for assistance with special configurations.

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