

## ST-5 and SS-5 Series Separator Cartridges Qualified to API 1581, 5th Edition



**TEFLON SERIES**

Facet's **ST-5 Series** Teflon separator cartridges are cleanable and reusable separator cartridges of the highest quality in a variety of dimensional configurations. Teflon® coated screen is wrapped around a treated, perforated metal shell, lock-seam folded and secured by metal clips, then adhesive bonded to gasketed metal end caps. The screen is Teflon® coated for more effective water repelling characteristics assuring long, trouble-free service.

Facet's **SS-5 Series** synthetic separator cartridges feature a specially developed hydrophobic synthetic media which offers all the permanent features of Teflon® screen, with the ability to handle higher flow rates. Synthetic mesh is wrapped around a treated, perforated metal shell, then adhesive-bonded to gasketed metal end caps. The synthetic mesh is designed for more effective water repelling characteristics, assuring long, trouble-free service.

Both Facet **ST-5 and SS-5 Series** Separators have the distinctive Facet Velocigard which provides balanced flow of product (radially inward) throughout the cartridge. All metal components are treated to resist corrosion. Maximum recommended operating temperature is 240°F. For compatibility in extreme operating conditions, other gasket, adhesive and metal materials are available.

### STANDARD DESIGN FEATURES

- Cleanable and reusable
- Superior water barrier
- Recommended maximum operating temperature: 240°F
- pH range from 5 to 9
- Designed for balanced flow through cartridge
- Flow direction: Outside to inside

### MATERIALS

- Synthetic mesh OR Teflon® coated screen
- Treated metal components for corrosion protection
- Buna-N gaskets
- Other gasket, adhesive and metal materials are available on request



**SYNTHETIC SERIES**

*Due to our continuing program of improvement, specifications are subject to change without notice.*

# ST-5 and SS-5 Series Separator Cartridges

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### DIMENSIONAL INFORMATION

MODEL NUMBER TEFLON	MODEL NUMBER SYNTHETIC	OUTSIDE DIAMETER		NOMINAL LENGTH		INSIDE DIAMETER SEALING END		INSIDE DIAMETER MOUNTING END	
		in.	mm.	in.	mm.	in.	mm.	in.	mm.
ST318FA-5	SS318FA-5	3	76	18	460	BLIND	13	2	51
ST324FA-5	SS324FA-5	3	76	24	610	BLIND	13	2	51
ST412FC-5	SS412FC-5	4 <sup>1</sup> / <sub>8</sub>	105	11 <sup>1</sup> / <sub>2</sub>	290	1 <sup>7</sup> / <sub>8</sub>	48	1 <sup>7</sup> / <sub>8</sub>	48
ST415FB-5	SS415FB-5	4 <sup>1</sup> / <sub>2</sub>	114	15	380	BLIND	13	3 <sup>1</sup> / <sub>2</sub>	89
ST417FB-5	SS417FB-5	4 <sup>1</sup> / <sub>2</sub>	114	17	430	BLIND	13	3 <sup>1</sup> / <sub>2</sub>	89
ST422FC-5	SS422FC-5	4 <sup>1</sup> / <sub>8</sub>	105	22 <sup>1</sup> / <sub>2</sub>	570	1 <sup>7</sup> / <sub>8</sub>	48	1 <sup>7</sup> / <sub>8</sub>	48
ST424FB-5	SS424FB-5	4 <sup>1</sup> / <sub>2</sub>	114	24	610	BLIND	13	3 <sup>1</sup> / <sub>2</sub>	89
ST430FB-5	SS430FB-5	4 <sup>1</sup> / <sub>2</sub>	114	30	760	BLIND	13	3 <sup>1</sup> / <sub>2</sub>	89
ST432FC-5	SS432FC-5	4 <sup>1</sup> / <sub>8</sub>	105	31 <sup>1</sup> / <sub>2</sub>	800	1 <sup>7</sup> / <sub>8</sub>	48	1 <sup>7</sup> / <sub>8</sub>	48
ST436FB-5	SS436FB-5	4 <sup>1</sup> / <sub>2</sub>	114	36	910	BLIND	13	3 <sup>1</sup> / <sub>2</sub>	89
ST609FB-5	SS609FB-5	6	152	9	230	BLIND	13	3 <sup>1</sup> / <sub>2</sub>	89
ST609FF-5	SS609FF-5	6	152	9	230	BLIND	13	4 <sup>1</sup> / <sub>2</sub>	114
ST611FD-5	SS611FD-5	6	152	11 <sup>1</sup> / <sub>4</sub>	290	3 <sup>1</sup> / <sub>2</sub>	89	3 <sup>1</sup> / <sub>2</sub>	89
ST612FB-5	SS612FB-5	6	152	12 <sup>1</sup> / <sub>8</sub>	310	BLIND	13	3 <sup>1</sup> / <sub>2</sub>	89
ST614FD-5	SS614FD-5	6	152	14 <sup>1</sup> / <sub>2</sub>	370	3 <sup>1</sup> / <sub>2</sub>	89	3 <sup>1</sup> / <sub>2</sub>	89
ST616FD-5	SS616FD-5	6	152	16 <sup>1</sup> / <sub>4</sub>	410	3 <sup>1</sup> / <sub>2</sub>	89	3 <sup>1</sup> / <sub>2</sub>	89
ST618FB-5	SS618FB-5	6	152	18	460	BLIND	13	3 <sup>1</sup> / <sub>2</sub>	89
ST622FD-5	SS622FD-5	6	152	22 <sup>1</sup> / <sub>4</sub>	560	3 <sup>1</sup> / <sub>2</sub>	89	3 <sup>1</sup> / <sub>2</sub>	89
ST624FB-5	SS624FB-5	6	152	24	610	BLIND	13	3 <sup>1</sup> / <sub>2</sub>	89
ST624FE-5	SS624FE-5	6	152	24	610	BLIND	13	4 <sup>1</sup> / <sub>8</sub>	105
ST624FF-5	SS624FF-5	6	152	24	610	BLIND	13	4 <sup>1</sup> / <sub>2</sub>	114
ST629FD-5	SS629FD-5	6	152	28 <sup>3</sup> / <sub>4</sub>	730	3 <sup>1</sup> / <sub>2</sub>	89	3 <sup>1</sup> / <sub>2</sub>	89
ST630FB-5	SS630FB-5	6	152	30	760	BLIND	13	3 <sup>1</sup> / <sub>2</sub>	89
ST630FD-5	SS630FD-5	6	152	30	760	3 <sup>1</sup> / <sub>2</sub>	89	3 <sup>1</sup> / <sub>2</sub>	89
ST630FE-5	SS630FE-5	6	152	30	760	BLIND	13	4 <sup>1</sup> / <sub>8</sub>	105
ST630FF-5	SS630FF-5	6	152	30	760	BLIND	13	4 <sup>1</sup> / <sub>2</sub>	114
ST633FB-5	SS633FB-5	6	152	33 <sup>1</sup> / <sub>4</sub>	840	BLIND	13	3 <sup>1</sup> / <sub>2</sub>	89
ST633FD-5	SS633FD-5	6	152	33 <sup>1</sup> / <sub>4</sub>	840	3 <sup>1</sup> / <sub>2</sub>	89	3 <sup>1</sup> / <sub>2</sub>	89
ST636FB-5	SS636FB-5	6	152	36	910	BLIND	13	3 <sup>1</sup> / <sub>2</sub>	89
ST636FD-5	SS636FD-5	6	152	36	910	3 <sup>1</sup> / <sub>2</sub>	89	3 <sup>1</sup> / <sub>2</sub>	89
ST636FE-5	SS636FE-5	6	152	36	910	BLIND	13	4 <sup>1</sup> / <sub>8</sub>	105
ST636FF-5	SS636FF-5	6	152	36	910	BLIND	13	4 <sup>1</sup> / <sub>2</sub>	114
ST638FD-5	SS638FD-5	6	152	38	965	3 <sup>1</sup> / <sub>2</sub>	89	3 <sup>1</sup> / <sub>2</sub>	89
ST640FD-5	SS640FD-5	6	152	40	1020	3 <sup>1</sup> / <sub>2</sub>	89	3 <sup>1</sup> / <sub>2</sub>	89
ST640FE-5	SS640FE-5	6	152	40	1020	BLIND	13	4 <sup>1</sup> / <sub>8</sub>	105
ST640FF-5	SS640FF-5	6	152	40	1020	BLIND	13	4 <sup>1</sup> / <sub>2</sub>	114
ST643FB-5	SS643FB-5	6	152	43	1090	BLIND	13	3 <sup>1</sup> / <sub>2</sub>	89
ST643FD-5	SS643FD-5	6	152	43	1090	3 <sup>1</sup> / <sub>2</sub>	89	3 <sup>1</sup> / <sub>2</sub>	89
ST644FB-5	SS644FB-5	6	152	44	1120	BLIND	13	3 <sup>1</sup> / <sub>2</sub>	89
ST644FD-5	SS644FD-5	6	152	44	1120	3 <sup>1</sup> / <sub>2</sub>	89	3 <sup>1</sup> / <sub>2</sub>	89
ST644FE-5	SS644FE-5	6	152	44	1120	BLIND	13	4 <sup>1</sup> / <sub>8</sub>	105
ST644FF-5	SS644FF-5	6	152	44	1120	BLIND	13	4 <sup>1</sup> / <sub>2</sub>	114
ST648FD-5	SS648FD-5	6	152	48	1220	3 <sup>1</sup> / <sub>2</sub>	89	3 <sup>1</sup> / <sub>2</sub>	89
ST648FF-5	SS648FF-5	6	152	48	1220	BLIND	13	4 <sup>1</sup> / <sub>2</sub>	114
ST656FB-5	SS656FB-5	6	152	56	1420	BLIND	13	3 <sup>1</sup> / <sub>2</sub>	89
ST656FF-5	SS656FF-5	6	152	56	1420	BLIND	13	4 <sup>1</sup> / <sub>2</sub>	114

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