



Synthetic Series

Teflon® Series

Facet SS-5 Series Synthetic and ST-5 Series Teflon® separator cartridges are cleanable and reusable. They come in a variety of dimensional and end cap configurations.

Facet's SS-5 Series Synthetic separator cartridges feature a specially developed treated hydrophobic media. This media provides improved separation of fine water drops compared to standard Teflon® screen. An ultrasonically seamed tube of the synthetic screen is placed around an epoxy coated metal shell, then adhesive bonded to metal end caps with gaskets.

Facet's ST-5 Series Teflon® separators use Teflon® coated screen wrapped around an epoxy coated metal shell, lock-seam folded, then adhesive bonded to metal end caps with gaskets.

Both Facet SS-5 and ST-5 Series Synthetic separators have the distinctive Facet Velocigard which provides balanced flow of product throughout the cartridge. All metal components are treated to resist corrosion.

Maximum recommended operation temperature is 240 °F (115 °C). 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 (115 °C)
- pH range from 5 to 9
- Designed for balanced flow through cartridge
- Flow direction: Outside to in

### 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

SS-5 and ST-5 Series  
 Separator Cartridges  
 Qualified to EI 1581, 6th Edition, Category C

DATA

MODEL NUMBER SYNTHETIC	MODEL NUMBER TEFLON	NOMINAL LENGTH		OUTSIDE DIAMETER		INSIDE DIAMETER SEALING END		INSIDE DIAMETER MOUNTING END	
		in	mm	in	mm	in	mm	in	mm
SS318FA-5	ST318FA-5	18	460	3	76	BLIND	13	2	51
SS324FA-5	ST324FA-5	24	610	3	76	BLIND	13	2	51
SS412FC-5	ST412FC-5	11½	290	4⅞	105	1⅞	48	1⅞	48
SS415FB-5	ST415FB-5	15	380	4½	114	BLIND	13	3½	89
SS417FB-5	ST417FB-5	17	430	4½	114	BLIND	13	3½	89
SS422FC-5	ST422FC-5	22½	570	4⅞	105	1⅞	48	1⅞	48
SS424FB-5	ST424FB-5	24	610	4½	114	BLIND	13	3½	89
SS430FB-5	ST430FB-5	30	760	4½	114	BLIND	13	3½	89
SS432FC-5	ST432FC-5	31½	800	4⅞	105	1⅞	48	1⅞	48
SS436FB-5	ST436FB-5	36	910	4½	114	BLIND	13	3½	89
SS609FB-5	ST609FB-5	9	230	6	152	BLIND	13	3½	89
SS609FF-5	ST609FF-5	9	230	6	152	BLIND	13	4½	114
SS611FD-5	ST611FD-5	11¼	290	6	152	3½	89	3½	89
SS612FB-5	ST612FB-5	12⅞	310	6	152	BLIND	13	3½	89
SS614FD-5	ST614FD-5	14½	370	6	152	3½	89	3½	89
SS616FD-5	ST616FD-5	16¼	410	6	152	3½	89	3½	89
SS618FB-5	ST618FB-5	18	460	6	152	BLIND	13	3½	89
SS622FD-5	ST622FD-5	22¼	560	6	152	3½	89	3½	89
SS624FB-5	ST624FB-5	24	610	6	152	BLIND	13	3½	89
SS624FE-5	ST624FE-5	24	610	6	152	BLIND	13	4⅞	105
SS624FF-5	ST624FF-5	24	610	6	152	BLIND	13	4½	114
SS629FD-5	ST629FD-5	28¾	730	6	152	3½	89	3½	89
SS630FB-5	ST630FB-5	30	760	6	152	BLIND	13	3½	89
SS630FD-5	ST630FD-5	30	760	6	152	3½	89	3½	89
SS630FE-5	ST630FE-5	30	760	6	152	BLIND	13	4⅞	105
SS630FF-5	ST630FF-5	30	760	6	152	BLIND	13	4½	114
SS633FB-5	ST633FB-5	33¼	840	6	152	BLIND	13	3½	89
SS633FD-5	ST633FD-5	33¼	840	6	152	3½	89	3½	89
SS636FB-5	ST636FB-5	36	910	6	152	BLIND	13	3½	89
SS636FD-5	ST636FD-5	36	910	6	152	3½	89	3½	89
SS636FE-5	ST636FE-5	36	910	6	152	BLIND	13	4⅞	105
SS636FF-5	ST636FF-5	36	910	6	152	BLIND	13	4½	114
SS638FD-5	ST638FD-5	38	965	6	152	3½	89	3½	89
SS640FD-5	ST640FD-5	40	1020	6	152	3½	89	3½	89
SS640FE-5	ST640FE-5	40	1020	6	152	BLIND	13	4⅞	105
SS640FF-5	ST640FF-5	40	1020	6	152	BLIND	13	4½	114
SS643FB-5	ST643FB-5	43	1090	6	152	BLIND	13	3½	89
SS643FD-5	ST643FD-5	43	1090	6	152	3½	89	3½	89
SS643FF-5	ST643FF-5	43	1090	6	152	BLIND	13	4½	114
SS644FB-5	ST644FB-5	44	1120	6	152	BLIND	13	3½	89
SS644FD-5	ST644FD-5	44	1120	6	152	3½	89	3½	89
SS644FE-5	ST644FE-5	44	1120	6	152	BLIND	13	4⅞	105
SS644FF-5	ST644FF-5	44	1120	6	152	BLIND	13	4½	114
SS648FD-5	ST648FD-5	48	1220	6	152	3½	89	3½	89
SS648FF-5	ST648FF-5	48	1220	6	152	BLIND	13	4½	114
SS656FB-5	ST656FB-5	56	1420	6	152	BLIND	13	3½	89
SS656FF-5	ST656FF-5	56	1420	6	152	BLIND	13	4½	114