



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



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
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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 |



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