



Standard Design Features

- Cleanable and reusable
- Maximum recommended 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 50 micron
- Treated metal components for corrosion protection
- Buna-N gaskets —other gasket, adhesive and metal materials are available on request

Facet manufactures 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 distinctive Facet center tube design provides balanced flow of product (radially inward) through the cartridge.

All metal components are treated to resist corrosion. The screen is Teflon® coated for more effective water repelling characteristics assuring long, troublefree service. Recommended maximum operating temperature is 240°F (115°C). For compatibility in extreme operating conditions, other gasket, adhesive and metal materials are available.

ST Series 5
Teflon® Separator Cartridges
Qualified to EI 1581 6th Edition, Category C

DATA

| MODEL NUMBER | OUTSIDE DIAMETER | | NOMINAL LENGTH | | INSIDE DIAMETER SEALING END | | INSIDE DIAMETER MOUNTING END | |
|--------------|------------------|-----|----------------|------|-----------------------------|-----|------------------------------|-----|
| | in | mm | in | mm | in | mm | in | mm |
| ST318FA-5 | 3 | 76 | 18 | 460 | 17/32 | 13 | 2 | 51 |
| ST324FA-5 | 3 | 76 | 24 | 610 | 17/32 | 13 | 2 | 51 |
| ST330FA-5 | 3 | 76 | 30 | 760 | 17/32 | 13 | 2 | 51 |
| ST412FC-5 | 4 1/8 | 105 | 11 1/2 | 290 | 1 1/8 | 48 | 1 1/8 | 48 |
| ST422FC-5 | 4 1/8 | 105 | 22 1/2 | 570 | 1 1/8 | 48 | 1 1/8 | 48 |
| ST432FC-5 | 4 1/8 | 105 | 31 1/2 | 800 | 1 1/8 | 48 | 1 1/8 | 48 |
| ST415FB-5 | 4 1/2 | 114 | 15 | 380 | 17/32 | 13 | 3 1/2 | 89 |
| ST417FB-5 | 4 1/2 | 114 | 17 | 430 | 17/32 | 13 | 3 1/2 | 89 |
| ST424FB-5 | 4 1/2 | 114 | 24 | 610 | 17/32 | 13 | 3 1/2 | 89 |
| ST430FB-5 | 4 1/2 | 114 | 30 | 760 | 17/32 | 13 | 3 1/2 | 89 |
| ST436FB-5 | 4 1/2 | 114 | 36 | 910 | 17/32 | 13 | 3 1/2 | 89 |
| ST609FB-5 | 6 | 152 | 9 | 230 | 17/32 | 13 | 3 1/2 | 89 |
| ST609FF-5 | 6 | 152 | 9 | 230 | 3 1/2 | 89 | 4 1/2 | 114 |
| ST611FD-5 | 6 | 152 | 11 1/4 | 290 | 3 1/2 | 89 | 3 1/2 | 89 |
| ST611H-5 | 6 | 152 | 11 1/4 | 290 | 5 1/2 | 140 | 5 1/2 | 140 |
| ST612FB-5 | 6 | 152 | 12 | 300 | 17/32 | 13 | 3 1/2 | 89 |
| ST612FF-5 | 6 | 152 | 12 | 300 | 3 1/2 | 89 | 4 1/2 | 114 |
| ST614FD-5 | 6 | 152 | 14 1/2 | 370 | 3 1/2 | 89 | 3 1/2 | 89 |
| ST614H-5 | 6 | 152 | 14 1/2 | 370 | 5 1/2 | 140 | 5 1/2 | 140 |
| ST616FD-5 | 6 | 152 | 16 1/4 | 410 | 3 1/2 | 89 | 3 1/2 | 89 |
| ST616H-5 | 6 | 152 | 16 1/4 | 410 | 5 1/2 | 140 | 5 1/2 | 140 |
| ST618FB-5 | 6 | 152 | 18 | 460 | 17/32 | 13 | 3 1/2 | 89 |
| ST622FD-5 | 6 | 152 | 22 1/4 | 560 | 3 1/2 | 89 | 3 1/2 | 89 |
| ST622H-5 | 6 | 152 | 22 1/4 | 560 | 5 1/2 | 140 | 5 1/2 | 140 |
| ST624FB-5 | 6 | 152 | 24 | 610 | 17/32 | 13 | 3 1/2 | 89 |
| ST624FE-5 | 6 | 152 | 24 | 610 | 3 1/2 | 89 | 4 1/8 | 105 |
| ST624FF-5 | 6 | 152 | 24 | 610 | 3 1/2 | 89 | 4 1/2 | 114 |
| ST629FD-5 | 6 | 152 | 28 3/4 | 730 | 3 1/2 | 89 | 3 1/2 | 89 |
| ST629H-5 | 6 | 152 | 28 3/4 | 730 | 5 1/2 | 140 | 5 1/2 | 140 |
| ST630FB-5 | 6 | 152 | 30 | 760 | 17/32 | 13 | 3 1/2 | 89 |
| ST630FD-5 | 6 | 152 | 30 | 760 | 3 1/2 | 89 | 3 1/2 | 89 |
| ST630FE-5 | 6 | 152 | 30 | 760 | 3 1/2 | 89 | 4 1/8 | 105 |
| ST630FF-5 | 6 | 152 | 30 | 760 | 3 1/2 | 89 | 4 1/2 | 114 |
| ST633FB-5 | 6 | 152 | 33 1/4 | 840 | 17/32 | 13 | 3 1/2 | 89 |
| ST633FD-5 | 6 | 152 | 33 1/4 | 840 | 3 1/2 | 89 | 3 1/2 | 89 |
| ST633H-5 | 6 | 152 | 33 1/4 | 840 | 5 1/2 | 140 | 5 1/2 | 140 |
| ST636FD-5 | 6 | 152 | 36 | 910 | 3 1/2 | 89 | 3 1/2 | 89 |
| ST636FE-5 | 6 | 152 | 36 | 910 | 3 1/2 | 89 | 4 1/8 | 105 |
| ST636FF-5 | 6 | 152 | 36 | 910 | 3 1/2 | 89 | 4 1/2 | 114 |
| ST640FD-5 | 6 | 152 | 40 | 1020 | 3 1/2 | 89 | 3 1/2 | 89 |
| ST640FE-5 | 6 | 152 | 40 | 1020 | 3 1/2 | 89 | 4 1/8 | 105 |
| ST640FF-5 | 6 | 152 | 40 | 1020 | 3 1/2 | 89 | 4 1/2 | 114 |
| ST644FD-5 | 6 | 152 | 44 | 1120 | 3 1/2 | 89 | 3 1/2 | 89 |
| ST644FE-5 | 6 | 152 | 44 | 1120 | 3 1/2 | 89 | 4 1/8 | 105 |
| ST644FF-5 | 6 | 152 | 44 | 1120 | 3 1/2 | 89 | 4 1/2 | 114 |
| ST648FD-5 | 6 | 152 | 48 | 1220 | 3 1/2 | 89 | 3 1/2 | 89 |
| ST648FF-5 | 6 | 152 | 48 | 1220 | 3 1/2 | 89 | 4 1/2 | 114 |
| ST656FD-5 | 6 | 152 | 56 | 1420 | 3 1/2 | 89 | 3 1/2 | 89 |
| ST656FF-5 | 6 | 152 | 56 | 1420 | 3 1/2 | 89 | 4 1/2 | 114 |