Specialty Housing Hybrid Elements - 6.75" OD High-Solids Loading Microglass/Polypropylene Microfiber

Strainrite continues its tradition of state-of-the-art advanced filtration innovation with the MAXX-Trap, a continuous, high-solids loading (HSL) hybrid, that utilizes long strand small and large diameter fibers to provide a high solids loading, absolute-rated, pleated depth filter.

This hybrid filter easily works with most standard 6.75" outside diameter housing. The binder-free depth media is excellent for removing gels and offers more than twice the surface area compared with industry standard non-pleated depth filters.

The increased surface area provides higher flow rates at reduced pressure, resulting in increased filter life. Our 100% polypropylene construction provides an excellent range of compatibility for your most demanding applications.

- ► HIGH EFFICIENCY MEDIA PROVIDES RELIABLE, CONSISTENT AND REPEATABLE FILTRATION
- ▶ 99% RATED FILTER MEDIA FOR CONSISTENT AND REPEATABLE PERFORMANCE
- ► LARGE DIAMETER PLEAT CONFIGURATION FOR HIGH FLOW RATES
- ► CAPABLE OF FLOW RATES UP TO 500GPM PER FILTER
- ► INJECTION MOLDED CAGE FOR SUPERIOR STRENGTH AND ELEMENT INTEGRITY
- ► THERMALLY BONDED CONSTRUCTION
- ► HIGH DIRT HOLDING CAPABILITY DUE TO EXTENSIVE SURFACE AREA REQUIRING FEWER FILTER CHANGEOUTS
- ► INSIDE-OUT FILTER RETAINS ALL CONTAMINANTS INSIDE THE FILTER DURING CHANGE-OUTS



## ORDER GUIDE MF 2.5 MT A ELEMENT LENGTH ORDER GUIDE MF2.5MT4E1

| MAXIMUM OPERATING TEMPERATURE                       |                                       |                    | MAXIMUM DIFFERENTIAL PRESSURE |     |               |              |
|---|---------------------------------------|--------------------|-------------------------------|-----|---------------|--------------|
| 180°F (82°C) Continuous Duty                        |                                       |                    | 35 PSID @ 70°F (21°C)         |     |               |              |
| MAXIMUM FLOW RATES                                  |                                       |                    | RECOMMENDED CHANGE-OUT        |     |               |              |
| 20" - 175 gpm   40" - 350 gpm   60" - 500 gpm       |                                       |                    | 25 psid                       |     |               |              |
| FILTER MEDIA  | END CAPS                              | SUF                | PORT MATERIA                  | L   | MOLDED CAGE   |              |
| Borosilicate Microglass<br>Polypropylene Microfiber | Polypropylene                         |                    | Polypropylene<br>Polyester    |     | Polypropylene |              |
| 0-RINGS   |                                       |                    |                               |     |               |              |
| Buna N   Fluorocarbon   EPDM                        | Silicone   FEP Encapsulat             | ed Silicone        |                               |     |               |              |
| CONSTRUCTION METHOD                                 |                                       |                    |                               |     |               |              |
| Thermal Bond  | 750                                   |                    |                               |     |               |              |
| NOMINAL TOP OUTSIDE DIAME                           | TER                                   |                    |                               |     |               |              |
| 6.75" (17.1 cm)  LENGTHS                            |                                       |                    |                               |     |               |              |
| 20" (50.8 cm)   40" (101.6 cm                       | )   P1 - 12"(30 5 cm)   P             | 22 - 26" (66 3 cm) |                               |     |               |              |
| PERFORMANCE CHARACTERIST                            | · · · · · · · · · · · · · · · · · · · |                    |                               |     |               |              |
| F ERI ORMANCE CHARACTERIS                           | ICS TOLLINOTTELNE 40 TI               | LILK               |                               |     |               |              |
| 12 ————   |                                       |                    |                               |     |               |              |
| <u> </u>  |                                       |                    |                               |     |               | MF0.2        |
| <u>a</u>  |                                       |                    |                               |     |               | MF0.         |
| 8   |                                       |                    |                               |     |               | ·            |
| <u> </u>  |                                       |                    |                               |     |               | ••••MF2.     |
| <b>4</b> ———  |                                       |                    |                               |     |               |              |
| N 2   |                                       |                    |                               |     |               |              |
| 0   | 40 60                                 | 80 100             | 120                           | 140 | 160           | 180          |
|   |                                       |                    |                               |     | 100           |              |
|   | WATE                                  | R FLOW RATE (GP    | M)                            |     |               |              |
| 6 —   |                                       |                    |                               |     |               |              |
| <u> </u>  |                                       |                    |                               |     |               | •MF5µ        |
| 6 PSID 4 — — — — — — — — — — — — — — — — — —        |                                       |                    |                               |     | •••••         |              |
| 3   |                                       |                    |                               |     |               |              |
| I PR  |                                       |                    | • • •                         |     |               | MF10         |
| 3 — 2 — 3 — 3 — 3 — 3 — 3 — 3 — 3 — 3 —             |                                       |                    |                               |     |               | MF20<br>MF30 |
| <b>E</b> 1————————————————————————————————————      |                                       |                    |                               |     |               | 50           |
| 020   | 40 60                                 | 80 100             | 120                           | 140 | 160           | 180          |
|   | WATE                                  | R FLOW RATE (GP    | M)                            |     |               |              |
|   | VVAIE                                 | ALLOW MAIE (UP     | wi,                           |     |               |              |
|   |                                       |                    |                               |     |               |              |
|   |                                       |                    |                               |     |               |              |
|   |                                       |                    |                               |     |               |              |
|   |                                       |                    |                               |     |               |              |
|   |                                       |                    |                               |     |               |              |

| ORDER OPTIONS          |  |  |  |  |  |
|------------------------|--|--|--|--|--|
| FILTER MEDIA           |  |  |  |  |  |
| MF<br>GF               | Polypropylene Microfiber<br>Borosilicate Microglass  |  |  |  |  |
| MICRON RATINGS         |  |  |  |  |  |
| MF - 0.25<br>GF -      | , 0.5, 1, 2.5, 5, 10, 20, 30, 50<br>0.2, 0.5, 1, 3, 5, 10, 15  |  |  |  |  |
| ELEMENT                |  |  |  |  |  |
| МТ                     | махх-тгар  |  |  |  |  |
| ELEMENT LENGTH         |  |  |  |  |  |
| 2<br>4<br>P1<br>P2     | 20" (50.8 cm)<br>40" (101.6 cm)<br>12" (30.5 cm)<br>26" (66.3 cm)  |  |  |  |  |
| O-RING MATERIAL        |  |  |  |  |  |
| S<br>B<br>V<br>E<br>TV | Silicone (Standard O-ring)<br>Buna N (Standard gasket)<br>Fluorocarbon<br>EPDM<br>FEP Encapsulated Fluoro. |  |  |  |  |
| ELEMENT GRADE          |  |  |  |  |  |
| -<br>1                 | General<br>FDA Grade   |  |  |  |  |