

# MADD-MAXX JUNIOR

Specialty Housing Hybrid Elements - 4" OD

Borosilicate Microglass, Polypropylene Microfiber, Polypropylene Felt or Resin-Bonded Polyester

- ▶ INKS, PAINTS AND COATINGS
- ▶ PROCESS WATER
- ▶ ADHESIVES
- ▶ PETROLEUM PRODUCTS
- ▶ BEVERAGES
- ▶ CHEMICALS
- ▶ HYDRAULIC FLUIDS
- ▶ LUBRICANTS
- ▶ COOLANTS
- ▶ OEM EQUIPMENT

When filter surface area must be increased, and overall assembly size must be decreased, the **MADD-MAXX JUNIOR** filter and matching SRL series filter housing\* from Strainrite are the perfect fit. Their compact design combines the benefits of high surface area with the attributes inside-to-outside flow. The **MADD-MAXX JUNIOR** filter platform is great for applications where non-pleated bag filters don't quite have enough surface area do the job or don't fit in the allotted space, and for OEM equipment with ergonomic requirements.

These pleated cartridges are 3" diameter, intermediate in size between typical cartridge filters (2.55-2.7" diameter) and high flow format **MADD-MAXX** filters (7" diameter). These filters are available in 10" lengths (size 25), 22" lengths (size 50), or in custom lengths quoted on request.

With needle punch felt bag filter material pleated into a **MADD-MAXX JUNIOR** filter (size 50), we place more than 2.5 x the surface area of a #2 size filter bag into a filter a fraction of the size, with a much smaller housing footprint.

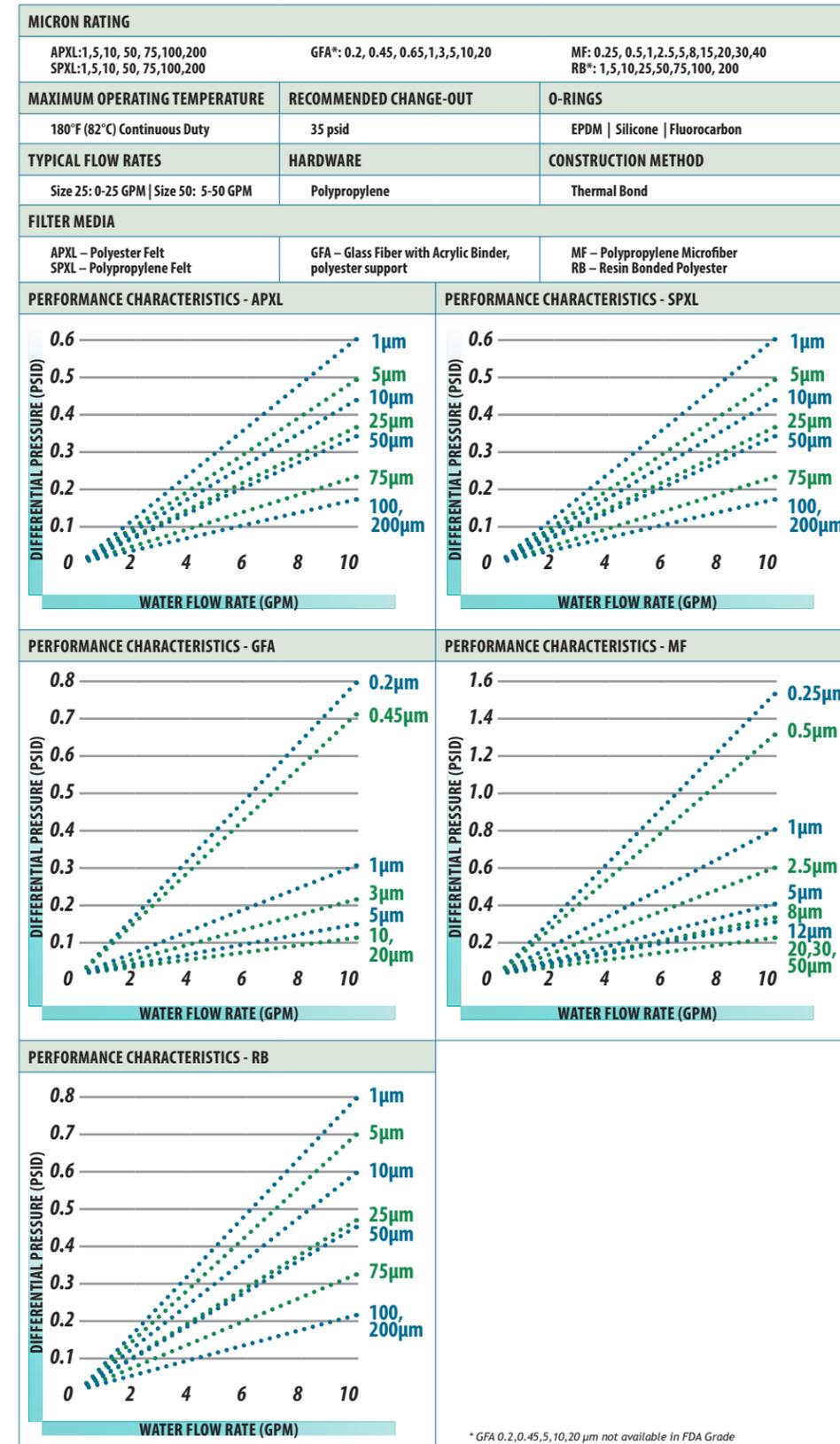
With traditional cartridge filter media (such as microfiber polypropylene or glass fiber,) we engineer approximately 50% additional area into each filter, compared to traditional filters of the same length.



- ▶ BROAD SELECTION OF FILTRATION MEDIA SOLVES A WIDE VARIETY OF CHALLENGES
- ▶ WIDE MICRON RATING (PORE SIZE) SELECTION ENABLES FINE-TUNING OF CONTAMINANT REMOVAL WITH KEY INGREDIENT (SUCH AS PIGMENT) TRANSMISSION
- ▶ INSIDE-TO-OUTSIDE FLOW DESIGN RETAINS SOLIDS INSIDE OF THE FILTER – REDUCES OPERATOR EXPOSURE TO SOLIDS AND MINIMIZES CLEANING LABOR
- ▶ PLEATED, LARGE-DIAMETER FILTER CONSTRUCTION MAXIMIZES SURFACE AREA – INCREASING FILTER LIFE AND THROUGHPUTS COMPARED TO TRADITIONAL CARTRIDGE FILTERS OR NON-PLEATED BAGS.
- ▶ SMALL AND COMPACT DESIGN SHRINKS FOOTPRINT
- ▶ JUNIOR SIZE REDUCES HOLDUP VOLUME
- ▶ CIRCUMFERENTIAL O-RING SEAL IS RELIABLE AND PREVENTS BYPASS
- ▶ FDA GRADE FILTERS CONTAIN COMPONENTS MEETING REQUIREMENTS OF 21 CFR
- ▶ ROBUST OUTER CAGE STRENGTHENS CARTRIDGE CONSTRUCTION
- ▶ PLUG-IN TYPE FILTER INSTALLATION IS EASY FOR OPERATORS

\* Use Strainrite SRL 25 series bag filter housing with basket removed for MMJ size 25 filter. Use Strainrite SRL 50 series bag filter housing with basket removed for MMJ size 50 filters. The SRL25 and SRL50 housings can also be used respectively with Strainrite size 25 or size 50 traditional filter bags (with Z flange, or with ring top) by re-installing the basket.

## ORDER GUIDE



\* GFA 0.2, 0.45, 5, 10, 20 µm not available in FDA Grade RB media not available in FDA Grade.

## ORDER OPTIONS

FILTER MEDIA	
APXL	Polyester Felt
SPXL	Polypropylene Felt
GFA	Glass Fiber w/ Acrylic Binder, polyester support
MF	Polypropylene Microfiber
RB	RB - Resin Bonded Polyester
<small>GFA 0.2, 0.45, 5, 10, 20 µm not available in FDA Grade RB media not available in FDA Grade.</small>	
MICRON RATINGS	
APXL: 1, 5, 10, 50, 75, 100, 200 SPXL: 1, 5, 10, 50, 75, 100, 200 GFA*: 0.2, 0.45, 0.65, 1, 3, 5, 10, 20 MF: 0.25, 0.5, 1, 2.5, 5, 8, 15, 20, 30, 40 RB*: 1, 5, 10, 25, 50, 75, 100, 200	
ELEMENT	
MMJ	MAD-MAXX Junior
SIZE CODE	
25 50	4"D x 10"L 4"D x 22"L
<small>All dimensions are nominal</small>	
O-RING MATERIAL	
E S V	EPDM Silicone Fluorocarbon
ELEMENT GRADE	
- 1	General FDA Grade

Recommended Accessory: item 353923, SRL CARTRIDGE REMOVAL TOOL - for removing filter with tight O-ring squeeze