MADD-MAXX JUNIOR

Housing-Specific Hybrid Elements - 4" OD
Borosilicate Microglass, Polypropylene Microfiber, Polypropylene Felt or Resin-Bonded Polyester

PRODUCT HIGHLIGHTS

- **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



PRODUCT DESCRIPTION

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 4" 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.

* 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.

SPECIFICATIONS

MICRON RATING

APXL:1,5,10, 50, 75,100,200 µm
SPXL:1,5,10, 50, 75,100,200 µm
GFA: 0.2, 0.45, 0.65,1,3,5,10,20 µm*
MF: 0.25, 0.5,1,2.5,5,8,15,20,30,40 µm
RB: 1,5,10,25,50,75,100, 200 µm*

OUTSIDE DIAMETER

4" (10.16 cm)

RECOMMENDED CHANGE-OUT

35 psid

TYPICAL FLOW RATE

Size 25: 0-25 GPM | Size 50: 5-50 GPM

PRODUCTION PROCESS

Thermal Bond

MAXIMUM OPERATING TEMPERATURE

180°F (82°C) Continuous Duty

SEALS

Fluorocarbon | EPDM | Silicone

HARDWARE

Polypropylene

FILTER MEDIA

APXL – Polyester Felt
SPXL – Polypropylene Felt

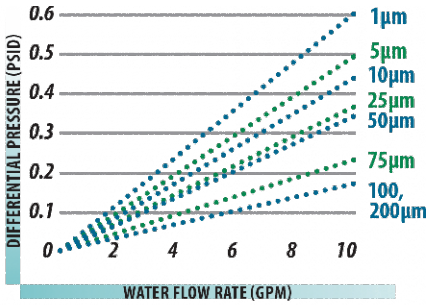
GFA – Glass Fiber with Acrylic Binder, polyester support

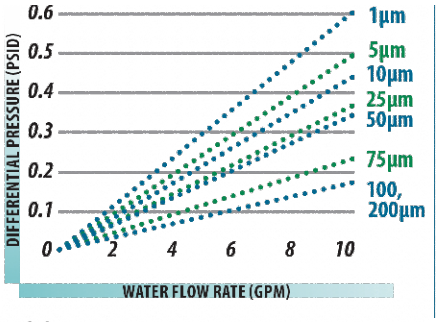
MF – Polypropylene Microfiber
RB – Resin Bonded Polyester

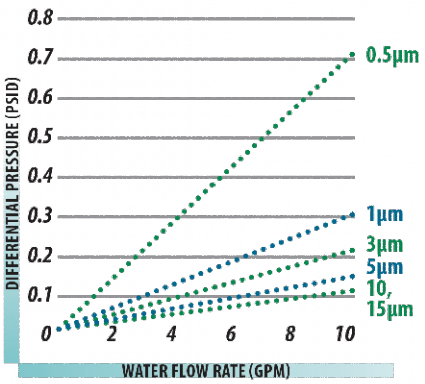
LENGTHS

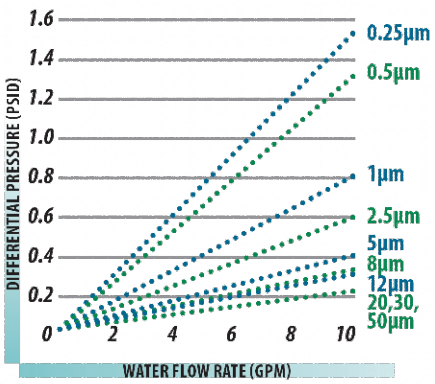
25- 10" (25.4 cm) | 50- 22" (55.88 cm) | Custom lengths available

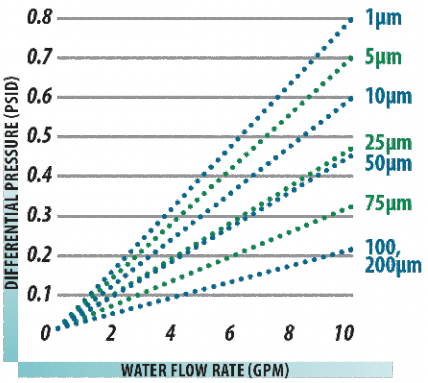
PERFORMANCE CHARACHTERISTICS











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ORDER OPTIONS

FILTER MEDIA	MICRON SIZE					ELEMENT	SIZE	O RING	ELEMENT GRADE
APXL Polyester Felt **SPXL** Polypropylene Felt **MF** Polypropylene Microfiber **GFA** Glass Fiber with Acrylic Binder Polyester support **RB** Resin Bonded Polyester* * Not available in FDA Grade	**MF**	**GFA**	**RB***	**SPXL**	**APXL**	**MMJ** Madd-MAXX Junior	**25** = 4"D x 10"L **50** = 4"D x 22"L	**S** = Silicone **V** = Fluorocarbon **E** = EPDM	**--** = General **1** = FDA Grade
	0.25 µm	0.5 µm	1 µm	1 µm	1 µm				
	0.5µm	1 µm	5 µm	5 µm	5 µm				
	1 µm	3 µm	10 µm	10 µm	10 µm				
	2.5 µm	5 µm	25 µm	50 µm	50 µm				
	5 µm	10 µm	50 µm	75 µm	75 µm				
	8 µm	20 µm	75 µm	100 µm	100 µm				
	15 µm		100 µm	200 µm	200 µm				
	20 µm		200 µm						
	30 µm								
	40 µm								

RB	25	MMJ	25	V	-	RB25MMJ25V
FILTER MEDIA	MICRON RATING		SIZE	O RING	GRADE	

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