

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.



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

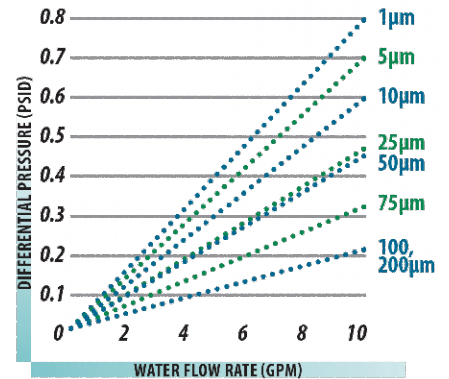
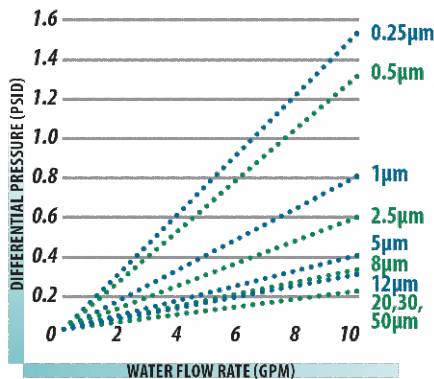
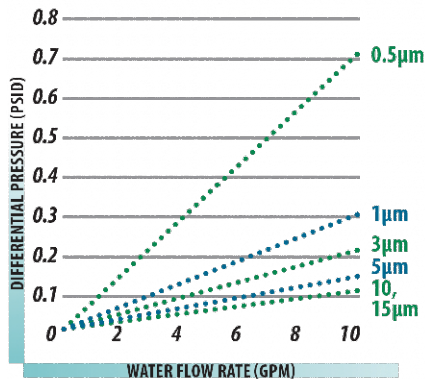
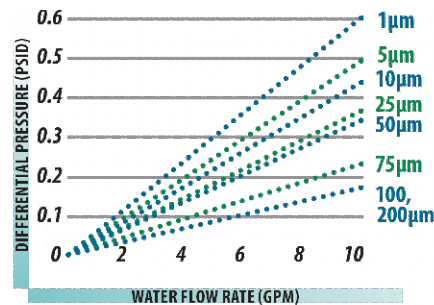
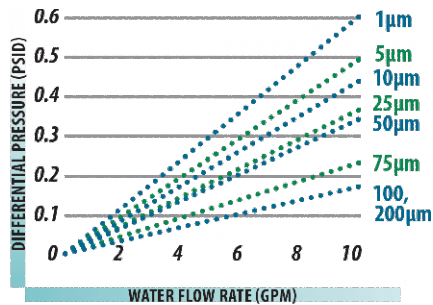
LENGTHS

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

SPECIFICATIONS

v1 1026

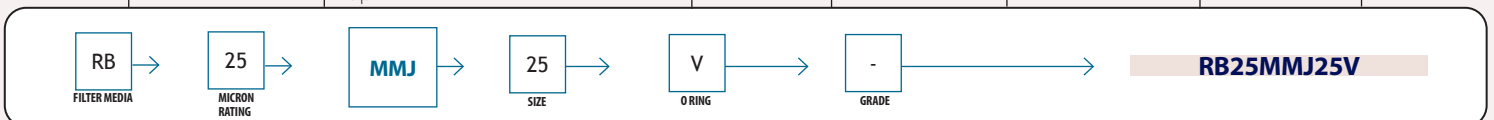
PERFORMANCE CHARACTERISTICS



ORDER OPTIONS

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

* Not available in FDA Grade



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