



The STARflo™ filter bag system offers an advanced alternative to standard filter bags, featuring a unique star-shaped pleated core that provides three-dimensional support and delivers 98% more surface area than a standard size 2 bag.

Designed for high-performance applications, STARflo™ uses silicone-free felt media ideal for paint and automotive environments, with an outer surface treatment to minimize fiber shedding and prevent downstream contamination. The bags are constructed with fully welded, thermally bonded seams to ensure bypass-free filtration.

Additionally, the proprietary CLICKfit™ flange enhances usability with integrated raised handles, allowing for quick and easy bag installation and removal.

Precision Filtration from 1 to 2000 Microns

- Polypropylene felt STARflo™ bag series is available in a 1 - 200 micron range.
- Polypropylene extended life felt STARflo™ bag series is available in a 1 - 100 micron range.
- Polyester felt STARflo™ bag series is available in a 1 - 200 micron range.
- Polyester extended life felt STARflo™ bag series is available in a 1 - 100 micron range.
- Polyester mesh STARflo™ bag series is available in a 100 - 2000 micron range.
- Nylon mesh STARflo™ bag series is available in a 1 - 2000 micron range.

Typical Applications

- Automotive
- Food and beverage
- Oil and gas
- Paint and chemicals

Thermal and Chemical Compatibilities

Media	Max. Temperature (F)	Acids	Alkali	Solvents
Polyester	275	Good	Poor	Good
Polypropylene	200	Excellent	Excellent	Poor
Nylon	275	Poor	Excellent	Good

* This guide contains general information. Actual use or soak tests must be performed to confirm compatibility.

Product Specifications

Medias:

- PO:** Polypropylene felt
- POXL:** Polypropylene extended life felt
- PE:** Polyester felt (PE)
- PEXL:** Polyester extended life felt
- PEM:** Polyester mesh
- NMO:** Nylon mesh

Micron Rating:

1-2000 (dependant on media)

Operating Parameters

Recommended Maximum Change-Out Differential Pressure:
25 psid (1.72 bar)

Max Temperature:
200 °F - 275 °F (93 °C - 135 °C)

Max Flow Rate:
-Size 2: 275 gmp | 63 m³/h



BASKET IDENTIFICATION

Manufacturer	Size	Material of Construction	Basket Size Outer Diameter	Options (if applicable)
V	2	04	176	GB
V	2= Fit Standard Size 2 Filter Vessel	04= .304 Stainless Steel 06= .316 Stainless Steel	*176 mm	GB= Buna-n Gasket GV= Viton Gasket GT= Teflon Gasket E= Electroplate Finish

* Available in 1mm increments up to 205. Measure the outer diameter of the existing basket flange STARflo™ retainer baskets can be made to order to retrofit existing filter housings.

FILTER BAGS IDENTIFICATION

Manufacturer	Media	Micron Rating (µm)	Cover Material	Bag Size	Retainer Style	Options (if applicable)
V	SPO	1	P	1	P	H
V	SPO SPE SPOXL SPEXL SPEM SNMO SPOMF SPOMB	SPO= 1, 5, 10, 25, 50, 100, 200 SPE= 1, 5, 10, 25, 50, 100, 200 SPOXL= 1, 5, 10, 25, 50, 100 SPEXL= 1, 5, 10, 25, 50, 100 SPEM= 100, 150, 200, 250, 300, 400, 500, 600, 800, 1000, 1500, 2000 SNMO= 1,10, 25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 400, 500, 600, 800, 1000, 2000 SPOMF= 5, 10, 25 SPOMB= 1, 5, 10, 25, 50, 100, 200	P= Plain, No Cover N= Nylon Mesh M= Polyester Mesh	2X	FP= CLICKfit Polypropylene Flange FK= CLICKfit Polyester Flange	H= Handle W= Welded

FILTER VESSEL IDENTIFICATION

Fluid Entry	Fluid Exit	Bag Size	# of Bags	Connection	Inlet/Outlet Style	Material of Construction	Pressure Rating
SFT	B	2	1	P			H
SFT= Top Entry SFTD= Top Entry Duplex SFTDV= Top Entry Duplex with Isolation Valves SFS= Side Entry SFSD= Side Entry Duplex SFSDV= Side Entry Duplex With Isolation Valves SFMB= Multi-Bag Bottom Entry SFMS= Multi-Bag Side Entry	B= Bottom Exit S= Side Exit	2= 7"Ø x 32"	1 2 3 4 5 6 7 8	N= NPT F= Flange	1" 1.5" 2" 2.5" 3"	2= Carbon Steel 4= .304 Stainless Steel 6= .316 Stainless Steel 8= Polypropylene	150 300

- » Industry Standard sizes are stocked and ready to ship
- » Custom manufacturing available



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