

Patent Pending

POEL SERIES MAXIMUM LIFE, MAXIMUM DIRT LOADING LIQUID FILTER BAGS

STANDARD FEATURES

- **No other bag holds more particulate**
- Manufactured in USA
- Adds an additional 890 cubic inches of depth filtration
- Standard size bags to fit most major housing brands
- Available in 1 to 200 micron ratings
- Dual Gradient Depth Media
- Designed for maximum dirt loading
- Choice of four different top rings
- Removes tramp oils from water with fine fiber dual gradient depth media
- Optional glazed media finish inhibits fiber migration
- Features heavy duty handle for easy removal, at no additional cost
- Reduces the number of change outs required, extending filter life
- Saves on labor costs by reducing change outs

SPECIFICATIONS

OPERATING PARAMETERS

MICRON RATINGS

1, 5, 10, 25, 50, 75, 100 and 200 microns

BAG SIZES

#1 - 7 1/16" diameter x 16 1/2" length

#2 - 7 1/16" diameter x 27" length

#12 - 8 1/8" diameter x 27" length

MATERIALS OF CONSTRUCTION

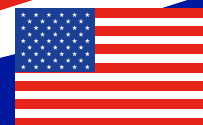
Bag: Polypropylene Felt

Ring: Polypropylene

Stainless Steel

Carbon Steel

Plastic Flanged



POEL TESTING

This image shows the dirt loading characteristics throughout the entire 2" thickness of the melt blown portion of the bag.



This image is a close up of the same media showing a complete loading of the filter cartridge



This image shows the outer part of the bag filter. It still has white areas. The outer bag is a support layer for the internal melt blown filter cartridge and is not expected to be full of contaminate, which happens with low efficiency filter bags



RESULTS

The bag was weighed after a complete drying period. The weight difference between the spent element and a new filter was 3713 grams (8.19 lbs). The element has captured a significant amount of particulate.

**Test performed at AMBF.*

Our POEL bag will save you money by decreasing change-out times, which saves on shipping, housing maintenance and dirty bag disposal. All of these savings AND increasing efficiency offering you true filtration using your current housings.

BUILDING A PART NUMBER

Available Material	Micron Rating
POEL -Polypropylene Extended Life OREL - Oil Removal	1, 5, 10, 25, 50, 75, 100, 200
Finish or Cover	Bag Size
P = None (standard) FF = Fiber Free G = Glazed A = Automotive	#1 - 7 1/16" diameter x 16 1/2" length #2 - 7 1/16" diameter x 27" length #3 - 4 1/8" diameter x 8" length #4 - 4 1/8" diameter x 14" length #12 - 8 1/8" diameter x 27" length
Ring Style	Handle Options
S = Carbon Steel, standard 12" handle SS = Stainless Steel, standard 12" handle PO = Polypropylene, standard 12" handle F = Plastic Flange	No Symbol = Standard heavy-duty handle DH = Double Handle

MEDIA	MICRON RATING	FINISH OR COVER	BAG SIZE	RING STYLE	HANDLE OPTIONS
POEL	5	P	2	S	
POEL	1 50	P	1	S	DH
OREL	5 75	FF	2	SS	
	10 100	G	3	PO	
	25 200	A	4	F	
			12		



**CARBON BLOCK
CARTRIDGES**



**MEMBRANE
CARTRIDGES**



**HIGH FLOW
CARTRIDGES**



OIL ABSORBENTS



**MELT BLOWN
CARTRIDGES**



**STRING WOUND
CARTRIDGES**



**STAINLESS STEEL
CARTRIDGES**



**LIQUID FILTER
BAGS**



**STANDARD
EFFICIENCY PLEATED**



**OEM PRIVATE LABEL
APPLICATIONS**



**CARTRIDGE & BAG
HOUSINGS**