

FILTERS



With Permco, it's personal.

Precision-Engineered Fluid Power Products

Permco offers a wide variety of spin-on and canister style filter elements. Along with filter head/adaptor assemblies, indicators, gauge ports, and by-pass valves to customize your application.

Hydraulic fluids are efficiently filtered through return line applications. Maximum working pressure 100 PSI/Burst 300 PSI.



25 GPM

Filter Head :

The 20 Series single adapter accepts the 20 Series standard and extended length filters. The adapter is made of die cast aluminum with standard 3/4" NPT ports.

Part # Per Box	Part # Individual Filter Head	Description	Port Size	By-Pass	Application
50184 (6 Per Box)	50184S	Ports Tapped & Plugged	3/4" NPT	3 - PSI	Suction Line
50186 (6 Per Box)	50186S	Ports Tapped & Plugged	3/4" NPT	25 - PSI	Return Line

Filters :

The 20 Series spin-on standard length has 1" -12 UNF threads.
Overall Dimensions: Diameter of 3.7" (94mm) with length of 5.25" (133mm).

Part # Per Box	Part # Individual Filter	Description	Micron Rating	Rated GPM
70134 (12 Per Box)	70134S	20 Series Standard Length	10 Micron	25 GPM
70135 (12 Per Box)	70135S	20 Series Standard Length	25 Micron	25 GPM

Interchanges : Fleetguard HF6500 Series PTI F4E-030 Series
Parker 12 AT Series Zinga AE Series



40 GPM

Filter Head :

The 40-A Series single adapter accepts the 40 Series standard and extended length filters. The adapter is made of die cast aluminum with standard 1" NPT ports.

Part # Individual Filter Head	Description	Port Size	By-Pass	Application
50113	Ports Tapped & Plugged	1" NPT	3 - PSI	Suction Line
50116	Ports Tapped & Plugged	1" NPT	25 - PSI	Return Line

Filters :

The 40 Series spin-on standard length has 1-1/2" -16 UNF threads.
Overall Dimensions: Diameter of 5.06" (129mm) with length of 5.25" (178mm).

Part # Per Box	Part # Individual Filter	Description	Micron Rating	Rated GPM
70162 (6 Per Box)	70162S	40 Series Standard Length	9 Micron	40 GPM
70157 (6 Per Box)	70157S	40 Series Standard Length	10 Micron	40 GPM
70158 (6 Per Box)	70158S	40 Series Standard Length	25 Micron	40 GPM

Interchanges : LHA SPE-50 Series PTI F4E-050 Series
Pall HC7500 Series PTI F4S-050 Series
Pall HC9500 Series Zinga SE Series
Parker 50AT Series



70 GPM

Filter Head :

The 40-B Series single adapter accepts the 40 Series standard and extended length filters. The adapter is made of die cast aluminum with standard 1-1/4" NPT ports.

Part # Individual Filter Head	Description	Port Size	By-Pass	Application
50143	Ports Tapped & Plugged	1-1/4" NPT	25 - PSI	Return

Filters :

The 40 Series spin-on extended length has 1-1/2" -16 UNF threads.

Overall Dimensions: Diameter of 5.06" (129mm) with length of 11" (279mm).

Part # Per Box	Part # Individual Filter	Description	Micron Rating	Rated GPM
70182 (6 Per Box)	70182S	40 Series Extended Length	1 Micron	70 GPM
70178 (6 Per Box)	70178S	40 Series Extended Length	4 Micron	70 GPM
70171 (6 Per Box)	70171S	40 Series Extended Length	10 Micron	70 GPM
70172 (6 Per Box)	70172S	40 Series Extended Length	25 Micron	70 GPM

Interchanges : Fleetguard 6700 Series

Pall HC7500-8H Series

Pall HC9500-8H Series

PTI F4E-070 Series

Zinga LE Series



90 & 100 GPM

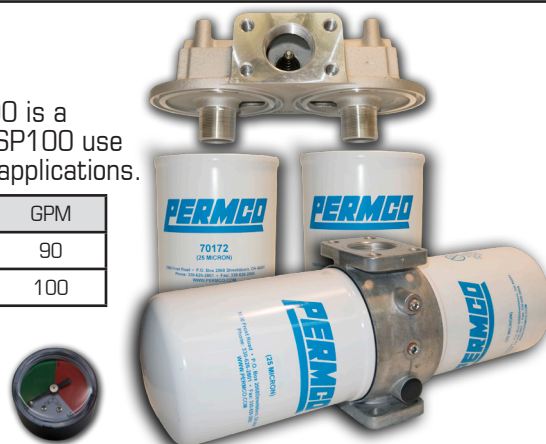
Filter Head :

SP80 is a double filter with side by side filter and flows up to 90 GPM. The SP100 is a double filter with end to end assembly and flows up to 100 GPM. The SP80 and SP100 use the 40 Series extended length filter elements found above for 3 line dump pump applications.

Part # Individual Filter Head	Description	Port Size	By-Pass	GPM
SP80	Ports Tapped & Plugged Side by Side Filters	1-1/2" NPT	25 - PSI	90
SP100	Ports Tapped & Plugged End to End Filters	1-1/2" NPT	25 - PSI	100

Gauges are available for all filter heads. (1/8" NPT thread)

Part # Per Box	Part # Individual Gauge	Description	Thread Size	Dial Size
BT115P (6 Per Box)	BT115PS	30 PSI Gauge	1/8" NPT	1-1/2" Dial



120 GPM

Canister Filter Assembly with Element :

The PW1200 Series is a return filter assembly with drop in replacement filter element. Filter assemblies available with NPT or SAE ORB porting. Filter assembly by-pass set at 50 PSI. 44 PSI Differential Pop Up indicator available by special order. Please contact Customer Service for this option.

Part #	Description	Port Size	Visual Indicator Setting	Micron	Max GPM	Max PSI
PAB8296	1-1/2" NPT Return Filter Assembly with Element	1-1/2" NPT	N/A	10	120 GPM	1200 PSI
PAC0564	#20 SAE ORB Return Filter Assembly with Element	#20 SAE ORB	N/A	10	120 GPM	1200 PSI
PAB4533	1-1/2" NPT Return Filter Assembly with Element	1-1/2" NPT	44 PSI	10	120 GPM	1200 PSI
PW0810LN	8" 10 Micron Replacement Filter Element			10	N/A	N/A
PAB7173	#20 SAE ORB Return Filter Assembly with Element	#20 SAE ORB	N/A	20	120 GPM	1200 PSI
PAC0897	1-1/2" NPT Return Filter Assembly with Element	1-1/2" NPT	N/A	20	120 GPM	1200 PSI
PW0820LN	8" 20 Micron Replacement Filter Element			20	N/A	N/A

****Recommended for medium and heavy duty 3 line dump applications****

