



PureForce

Medium Pressure Spin-On



ENGINEERING YOUR SUCCESS.

PureForce

Parker's dedication to protecting critical process equipment has led to the development of our new PureForce medium pressure spin on filter. Fluid cleanliness achieved through proper filtration is imperative to system reliability and equipment life. PureForce elements provide economical filtration for hydraulic systems up to 500psi.

The PureForce medium pressure spin on filters utilize a heavy duty all metal housing with an L-Lock hem to provide industry leading fatigue and burst strength. The increased strength stands up to modern hydraulic systems requiring operating pressures up to 500psi. PureForce utilizes efficient microglass media to meet or exceed fluid cleanliness requirements. Tool-free installation allows for easy filter changes in diverse manufacturing environments.

Applications:

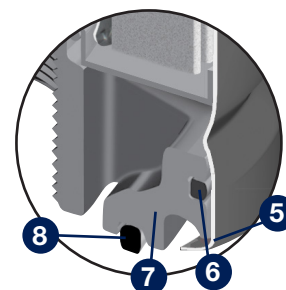
- Closed circuit hydrostatic charge pump
- Skid steer loaders
- Road rollers
- Crawler tractors
- Combine harvester
- Forage harvesters
- Industrial power units
- Machine tools

FILTERS

- 1 Heavy-Duty, All-Metal Housing** is built to handle the stress and punishment of sophisticated, modern hydraulic systems.
- 2 High Strength Spiral Louvered Centertube** helps prevent collapse caused by a sudden difference between internal and external pressure.
- 3 High Efficiency Media,** either synthetic or cellulose, is designed to meet or exceed the requirements designated by the OEM.
- 4 Seamless Canister Design** provides highest possible integrity.



- 5 L-Lock Hem** joins the canister and baseplate to protect against high-pressure surges.
- 6 Integral Housing Seal** prevents leakage.
- 7 Heavy-Duty Baseplate** is constructed of aluminum, offering the strength and durability necessary for 500 psi hydraulic systems.
- 8 Heavy-Duty O-Ring Seal** requires only 1/2 turn after gasket contact, for easier installation.



PureForce 4" Base

Flow Range to:

35 gpm (132 lpm)

Operating Temperatures:

-20° to 225°F / -29° to 107°C

Collapse Ratings (minimum):

150 psi / 1035 kPa / 10.4 bar

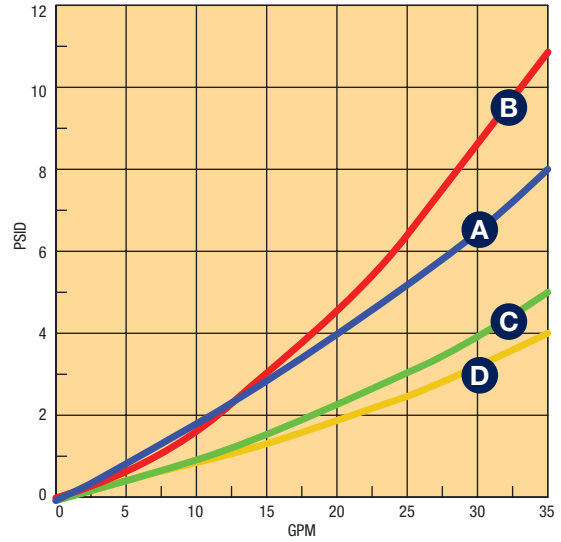
Fatigue:

1,000,000 cycles:

0-350 psid / 0-2415 kPa / 24.2 bar

MAOP:

500 psi



	Part Number	Length	O.D.	$\beta_{x(e)=75}$	$\beta_{x(e)=1000}$	Media Type*
A	947294	6 (152.4)	3 3/4 (95.3)	9	14	MPG
B	947295	6 (152.4)	3 3/4 (95.3)	17	25	MPG
C	947297	9.5 (241.3)	3 3/4 (95.3)	9	14	MPG
D	947298	9.5 (241.3)	3 3/4 (95.3)	17	25	MPG

* Maximum Performance Glass

PureForce 5" Base

Flow Range to:

50 gpm (189 lpm)

Operating Temperatures:

-20° to 225°F / -29° to 107°C

Collapse Ratings (minimum):

150 psi / 1035 kPa / 10.4 bar

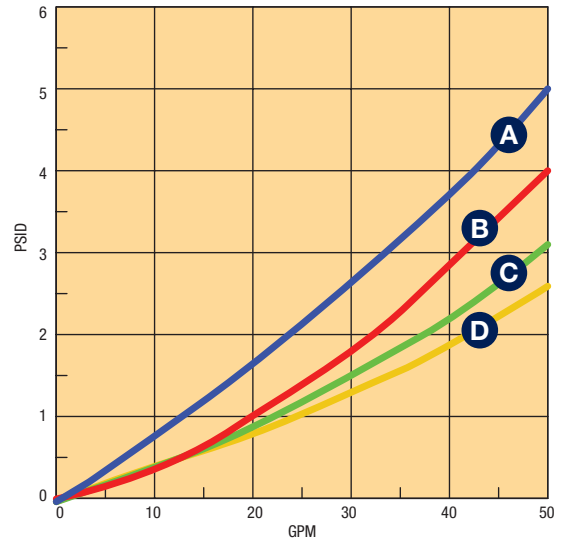
Fatigue:

1,000,000 cycles:

0-350 psid / 0-2415 kPa / 24.2 bar

MAOP:

500 psi



	Part Number	Length	O.D.	$\beta_{x(e)=75}$	$\beta_{x(e)=1000}$	Media Type*
A	947299	8 (203.2)	4 3/4 (120.7)	9	14	MPG
B	947300	8 (203.2)	4 3/4 (120.7)	17	25	MPG
C	947302	11 (292.1)	4 3/4 (120.7)	9	14	MPG
D	947303	11 (292.1)	4 3/4 (120.7)	17	25	MPG

* Maximum Performance Glass

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