

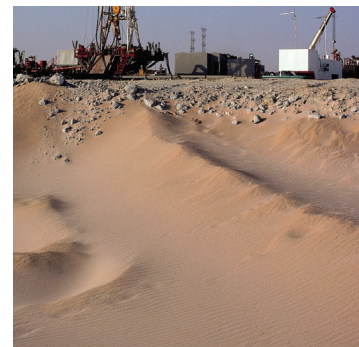


aerospace  
climate control  
electromechanical  
filtration  
fluid & gas handling  
**hydraulics**  
pneumatics  
process control  
sealing & shielding



# Flexible Separators

up to 70 litres as standard



ENGINEERING YOUR SUCCESS.

# Benefits

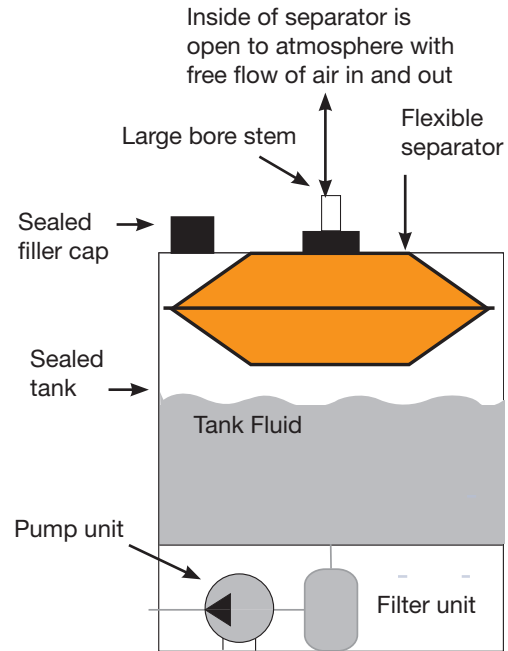
The Parker flexible separators are a cost effective solution for the prevention of contamination into a hydraulic system. A flexible separator is composed of a flexible membrane and metallic stem for mounting in the system tank/reservoir.

Deteriorating hydraulic equipment fluid had been estimated to be responsible for at least 70% of all hydraulic failures. The Parker separator prevents contaminants entering the hydraulic fluid at the tank. If contaminant particles are prevented from entering the fluid tank the result is cleaner fluid and longer fluid life.

This will in turn provide a longer life for the filter elements and system components thus reducing downtime and operating costs.

If no moisture or corrosive gases are allowed to enter the fluid tank the result is:

- **Reduced oxidation and emulsification of the fluid**
- **Cleaner fluid/ longer fluid life**
- **Longer life for filter elements**
- **Reduced corrosion to the inside of the tank and system components.**
- **Reduces downtime and operating costs**
- **Proven in many harsh environments**
- **Available in a wide range of shaped sizes**



# Markets & Applications

Ideal for Heavy Industrial, Construction & Mining and Oil & Gas

## Dusty Environments

- Sawmills, Cement Plants, Quarries, Desert

## Marine - where salt spray could be a contaminant

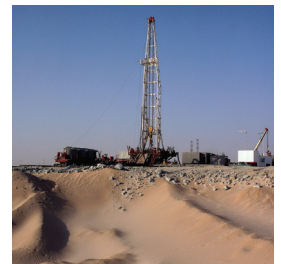
- Marine Hydraulic Systems

## Oil & Gas - where salt spray could be a contaminant

- Offshore HPU's

## Extreme Climates - where condensation could be a contaminant.

- High Humidity, Cold climates



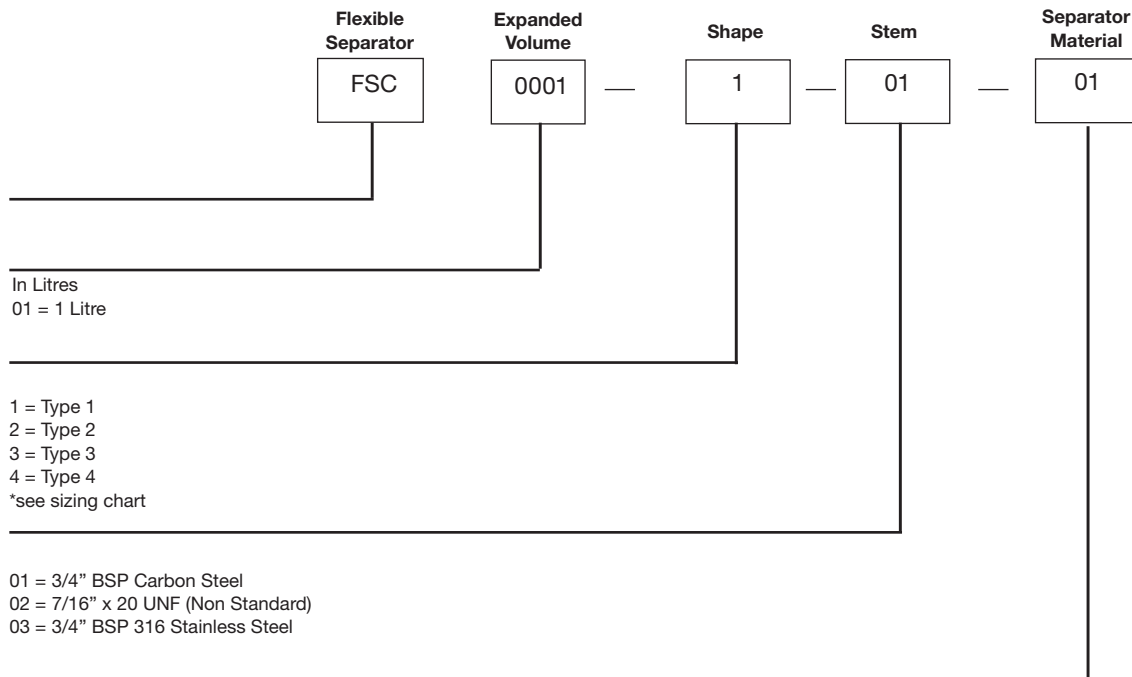
# Dimensions

Size (Litres)	Type 1 Square		Type 2 Rectangular Standard			Type 3 Rectangular Long			Type 4 Circular	
	l	h*	l	w	h*	l	w	h*	d	h*
01	240	128	260	190	96	400	140	64	250	134
02	280	153	320	220	115	440	180	89	295	163
03	300	166	360	250	134	540	190	96	330	185
04	320	178	400	280	153	590	240	127	368	210
06	380	217	440	300	166	620	240	127	412	238
08	400	230	480	340	191	590	280	153	440	255
10	420	242	520	360	204	780	280	153	465	270
15	480	280	580	400	229	860	320	178	520	306
18	500	292	620	420	242	900	320	178	540	320
20	520	306	640	440	255	920	340	191	580	344
25	580	331	700	480	267	960	360	204	640	382
30	600	365	720	500	283	1080	380	217	661	480
40	660	395	800	540	318	1160	420	242	706	426
50	700	420	840	580	344	1260	440	255	784	475
60	740	446	900	620	369	1360	460	267	810	490
70	780	471	940	640	382	1460	480	280	850	515

This is our standard range, larger volumes and bespoke units are available on request

\* Height when expanded

# How to order



In Litres  
 01 = 1 Litre

1 = Type 1  
 2 = Type 2  
 3 = Type 3  
 4 = Type 4  
 \*see sizing chart

01 = 3/4" BSP Carbon Steel  
 02 = 7/16" x 20 UNF (Non Standard)  
 03 = 3/4" BSP 316 Stainless Steel

01 = Polyurethane coated thermo plastic sheet reinforced

# Parker Worldwide

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### EMEA Product Information Centre

Free phone: 00 800 27 27 5374

(from AT, BE, CH, CZ, DE, DK, EE, ES, FI, FR, IE, IL,  
IS, IT, LU, MT, NL, NO, PL, PT, RU, SE, SK, UK, ZA)

### US Product Information Centre

Toll-free number: 1-800-27 27 537

www.parker.com

