

POLIFLO "S" FILTER CARTRIDGES

Leaflet E-11-01-UK



**Fluxa
Filtri
S.p.A.**

V.le A. De Gasperi, 88/B-20017 Mazzo di Rho (MI)
Tel. 0293959.1 (15 lines)
Fax 0293959.400-440-470
e-mail: info@fluxafiltri.com - www.fluxafiltri.com



The **POLIFLO "S"** filter cartridge is a combination of pleated filter media incorporating the advantage of depth filtration. It is an absolute rated filter cartridge. The filter media is made up of superimposed layers of extremely fine fibers with variable density and with higher density on the inside than the outside. The outside larger fibers act as a prefilter to the inside extremely fine fibers, so that the inside fibers are protected when large or medium sized particles are coming through. The fibers are totally thermally bonded and the support structure is completely in polypropylene. The high thickness used for all the supporting parts and the construction obtained by thermal bonding of the assembly, guarantee a good firmness of the cartridge. This also benefits users by eliminating the use for glue or adhesives, thus minimizing levels of extractables and broadening the range of chemical compatibility. The pleated filter media gives a high filter surface which gives a high flow rate, low pressure drops and a high dirt capacity.

ORDERING INFORMATION

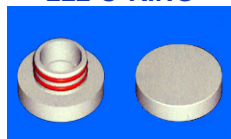
FPS	10	05	O	E
MATERIAL	LENGTH	MICRON RATING	END CAPS	GASKETS
FPS: polypropylene	10 : 10" (250 mm) 20 : 20" (500 mm) 30 : 30" (750 mm) 40 : 40" (1000 mm)	A6 : 0.6 01 : 1 03 : 3 05 : 5 10 : 10 20 : 20	0 : DOE 3 : CODE 3 7 : CODE 7 8 : CODE 8 9 : CODE 9 7L : CODE 7L 9L : CODE 9L	E : EPDM S : SILICONE V : VITON N : NITRILE G : NATURAL RUBBER

END CAPS CONFIGURATIONS

DOE CODE 0
FLAT GASKET



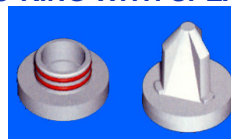
SOE CODE 3
222 O-RING



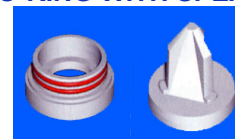
SOE CODE 7 226
O-RING WITH SPEAR



SOE CODE 8 222
O-RING WITH SPEAR



SOE CODE 9 225
O-RING WITH SPEAR



TECHNICAL SPECIFICATION

- Absolute rated filter cartridge
- Max operating temperature 80°C
- Max ΔP : 4 bar at 20°C
- Materials of construction:
 - filter media: polypropylene
 - filter media support: polypropylene
 - all structural elements: polypropylene
- Suitable for food and beverage
- Filtration efficiency established in water suspensions using AC fine/coarse Test Dust.
- Length: 10" – 20" – 30" – 40"
- Cartridge O.D. 68mm
- Filtration area for a 10" length filter cartridge:

<u>Retention</u>	<u>Filtration area</u>
0,6 micron	1950 sq. cm
1-3-5-10-20 micron	2000 sq. cm

FEATURES

- A thick filter media made of superimposed layers of extremely fine fiber.
- A strong filter media
- Totally thermal bonded construction
- High dirt capacity
- Micron rating from 0,6 to 20 micron

APPLICATIONS

- Membrane prefiltration
- Food and beverage industries
- Pharmaceutical industries
- Cosmetics
- Clarification of chemical liquids
- Electronic industries
- General water filtration
- Coatings for magnetic tape
- Filtration of syrups
- Cooling water for nuclear reactors
- Prefilter for demineralized water

