

Filtration felt bag with integrated de-oiling microfibers



Description

QUALIPOCHE POAM bags and OAM sleeves are filtering elements made of de-oiling microfibers.

The hydrophobic polypropylene microfibers allow the absorption of oils, hydrocarbons and its derivatives.

QUALIPOCHE POAM are standard felt bags in which we have inserted a microfiber charge. The microfiber filler is an integral part of the bag.

The OAM sleeves are cushions filled with microfibers. These sleeves are to be inserted inside a standard filtration bag (felt, monofilament, HE20, HE100).

Both designs incorporate a perforated polypropylene inner tube to diffuse the liquid over the entire height to maximize retention capacity and avoid fiber crushing.

Characteristics & benefits

- Depending on the hydraulic conditions, the microfiber load can capture between 2 and 4 times its weight.
- Microfiber load of 400 grams for a T10 bag.
- Microfiber load of 800 grams for a T20 bag.
- Perfect diffusion of the liquid through the microfibers thanks to the perforated PP tube.
- Do not exceed 0.5 bar of differential pressure in order not to release the captured oil.
- QUALIPOCHE POAM model available with O-ring or molded ring for a better sealing.
- Made from silicone-free materials.
- Lot number on bags and packaging.

Chemical compatibility

	Polypropylene
Alkaline	+++
Acid	+++
Oxidizer	-
Solvent	+
Tmax (°C)	90

+++ Excellent | ++ Good | + Fair | - Not compatible

Note: displayed temperatures are only applicable for metal rings. If polypropylene ring, do not go above 90°C.

Conditions of use

Recommended replacement differential pressure	0,5 bar
Max flow rate	5 m ³ /h (size 10)

ORDER REFERENCE

Example :

QPT - **A** 20 - **B** POAM - **C** 1 - **D** EH

Example MANCHON :

QPT - **A** 20 - **B** OAM

A / Size

Code	Diameter (mm)	Length (mm)	Volume (liters)	Area (dm ²)
10	180	450	10	26
20	180	820	19	44
x100	152	510	5.6	18

Other sizes available on request.

B / Media

Code	Material
POAM	Polypropylene felt with microfibers load
OAM	Microfibers load

C / Retention threshold

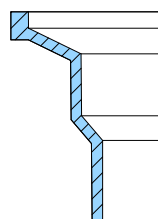
Code	Porosity
1	1 µm
5	5 µm
10	10 µm
25	25 µm
50	50 µm
100	100 µm
200	200 µm

D / Ring

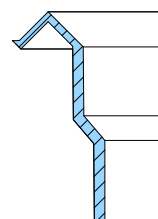
Code	O-ring	Available sizes
EH	Galvanized steel	All
S	Stainless steel	All
P	Polypropylene	All

Code	Molded ring	Available sizes
ERP	Profile 1 [PP]	10 / 20
ERS	Profile 1 [PES]	10 / 20
PR	Profile 1 [Santoprene™]	10 / 20
EFS	Profile 2 [PP]	10 / 20 / 04 / 08
EFSE	Profile 2 [PES]	10 / 20 / 04 / 08
X10P	Profile 3 [PP]	X100
EAP	Profile 4 [PP]	10 / 20
EAPE	Profile 4 [PES]	10 / 20
EAS	Profile 4 [Santoprene™]	10 / 20

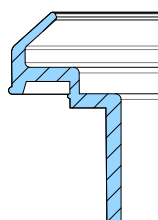
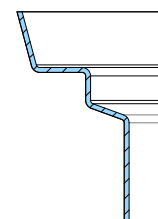
PROFILE 1



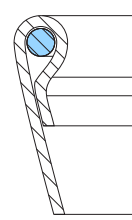
PROFILE 2



PROFILE 3



PROFILE 4



O-RING