



## Filtration felt bag with integrated de-oiling microfibers

#### Description

 $\ensuremath{\mathsf{QUALIPOCHE}}$  POOAM 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 POOAM 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 design incorporates 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.

• Uniform 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 POOAM 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 m³/h (size 10)	



# QUALIPOCHE OIL FELT BAG WITH OIL ABSORBENT



#### **ORDER REFERENCE**



Example MANCHON :



#### A / Size

Code	Diameter (mm)	Length (mm)	Volume (liters)	Area (dm²)
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
	POOAM	Polypropylene felt with microfibers load
_	OAM	Microfibers load

#### **C / Retention threshold**

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

#### D / Ring

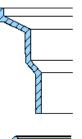
Code	0-ring	Available sizes	
EH	Galvanized steel	All	
S	Stainless steel	All	
Р	Polypropylene	All	

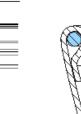
Code	Molded ring	Available sizes
ERP	Profile 1[PP]	10 / 20
ERS	Profile 1[PES]	10 / 20
PR	Profile1[Santoprene™]	10 / 20
EFS	Profile 2 [PP]	10 / 20 / 04 / 08
EFSE	Profile 2 [PES]	10 / 20 / 04 / 08
X10P	Profile 3 [PP]	X100
EAP	Profile 4 [PP]	10 / 20
EAPE	Profile 4 [PES]	10 / 20
EAS	Profile 4 [Santoprene™]	10 / 20

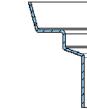
#### **PROFILE 1**

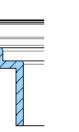
#### **PROFILE 2**

### **PROFILE 3**









**PROFILE 4** 

**O-RING** 

