

TA 46

TAP 50

SAP 50 series

**Metal oil filler
and air breather filler cap**

**Nylon oil filler
and breather plug**

**Nylon air
breather filter**



Technical data

Air breathers & Filler plugs

Metal oil filler and air breather filler cap Flow rate up to 200 l/min

TA46 is a range of compact metal air breathers and filler caps for protection of the tank against the solid contamination contained into the air and filling of the fluid into the systems during the commissioning and maintenance procedures. They are usually directly fitted on the tank. The robust design allows the use of these filters in any heavy-duty application.

Available features:

- Male threaded connections up to 1/4" and flanged connection with bayonet, for a maximum flow rate of 200 l/min
- Fine cellulose filtration, to get a good cleanliness level into the reservoir
- Filling basket, to hold the coarse contamination contained into the fluid and to diffuse the fluid flow into the tank

Common applications:

- Compact hydraulic systems
- Compact mobile machines
- Industrial equipment

Flow rate Δp 0.02 bar

TA46	Flow rate [l/min]	
	Filtration rating 03	10
	150	200

Materials (version G/N)

- Cover: Chrome plated steel
- Filter element: Resin impregnate paper, Polyurethane
- Flange: Galvanized steel
- Connection: Phosphatized steel

Materials (version B)

- Cover: Chrome plated steel
- Filter element: Resin impregnate paper, Polyurethane
- Flange: Galvanized steel
- Connection: Phosphatized steel
- Seals: NBR
- Chain, ring: Cork gasket
- Screws: Galvanized steel
- Basket: Brass

Temperature

From -25 °C to +100 °C

Weight

TA 46 B 0.10 kg
TA 46 G/N 0.11 kg



Designation & Ordering code

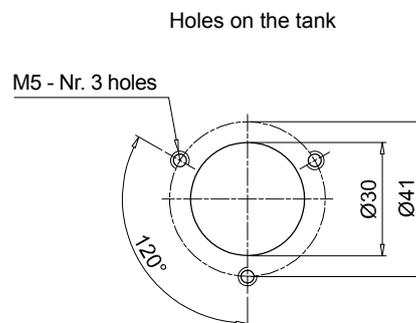
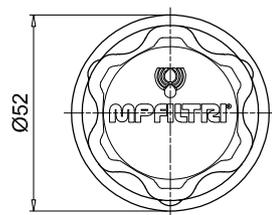
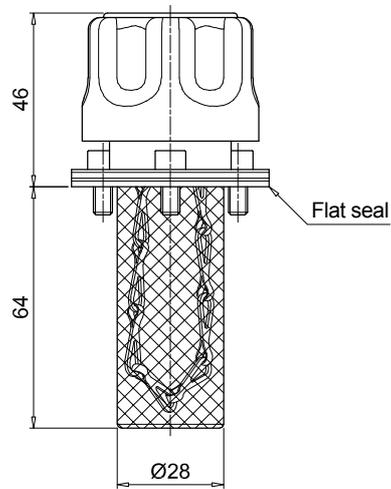
COMPLETE AIR BREATHER - TA46

Series and size	Configuration example 1:	TA46	B	03	A	0	0	1	P01
TA46	Configuration example 2:	TA46	G	10					P01
Connections to the tank									
B	Screwed flange with bayonet mount								
G	Thread G 1/4"								
N	Thread 1/4" NPT								
Filtration rating									
03	Resin impregnate paper	3 μ m							
10	Polyurethane	10 μ m							
Seals									
A	NBR	•							
Valve									
0	Without valve	•							
Version									
0	Standard	•							
Basket									
1	With basket	•							

Execution	
P01	MP Filtri standard
Pxx	Customized

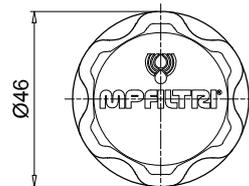
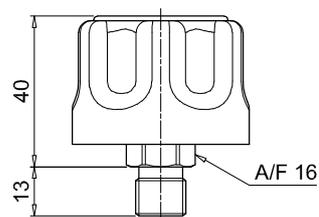
TA46

Screwed flange



TA46

Threaded connection



TAP 50 GENERAL INFORMATION

Technical data

Air breathers & Filler plugs

Nylon oil filler and breather plug

Flow rate up to 200 l/min

TAP50 is a range of compact plastic air breathers and filler caps for protection of the tank against the solid contamination contained into the air and filling of the fluid into the systems during the commissioning and maintenance procedures.

Available features:

- Flanged connection with bayonet, for a maximum flow rate of 200 l/min
- Fine cellulose filtration, to get a good cleanliness level into the reservoir
- Filling basket, to hold the coarse contamination contained into the fluid and to diffuse the fluid flow into the tank

Common applications:

- Compact hydraulic systems
- Compact mobile machines
- Industrial equipment

Flow rate Δp 0.02 bar

	Flow rate [l/min]	
	Filtration rating	03
TAP50	180	202

Materials

- Cover/ringnut: Nylon
- Filter element: Resin impregnate paper, Polyurethane
- Pressurization valve: Nylon, Galvanized steel, NBR
- Seals: NBR
- Flange: Nylon
- Screws: Galvanized steel
- Basket: Nylon

Temperature

From -25 °C to +100 °C

Weight

0.60 kg

Quantity

10 pcs/pack



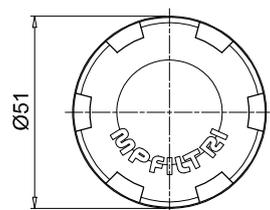
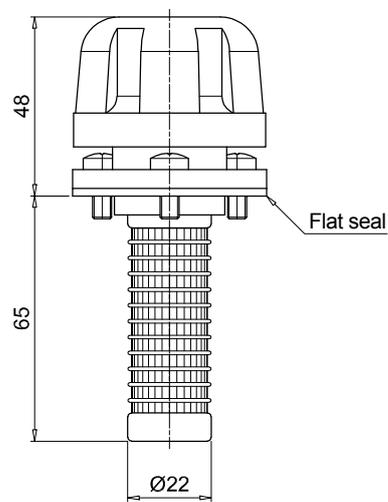
Designation & Ordering code

COMPLETE OIL FILLER PLUG - TAP50

Series and size	Configuration example :							
TAP50 Nylon oil filler and breather plug	TAP50	C	03	A	1	1	P01	
Connections to the tank								
C Screwed flange with G 3/4" mount								
Filtration rating								
03 Resin impregnate paper 3 µm								
10 Polyurethane 10 µm								
Seals								
A NBR								
Valve								
0 Without valve								
1 0.5 bar pressurization valve								
Basket								
1 With basket								
								Execution
								P01 MP Filtri standard
								Pxx Customized

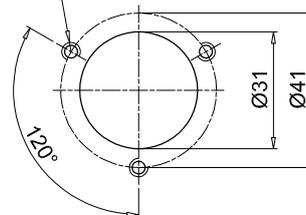
TAP50

Screwed flange



Holes on the tank

M5 - Nr. 3 holes



SAP 50 GENERAL INFORMATION

Technical data

Air breathers & Filler plugs

Nylon air breather filter

Flow rate up to 200 l/min

SAP50 is a range of compact plastic air breathers for protection of the tank against the solid contamination contained into the air.

The integrated air breather protects the tank against the solid contamination contained into the air. They are usually directly fitted on the tank.

Available features:

- Male threaded connections up to 3/4", for a maximum flow rate of 200 l/min.
- Fine cellulose filtration, to get a good cleanliness level into the reservoir.

Common applications:

- Compact hydraulic systems
- Compact mobile machines
- Industrial equipment

Flow rate Δp 0.02 bar

	Flow rate [l/min]	
	Filtration rating	03
SAP50	180	204

Materials

- Cover/Connection: Nylon
- Filter element: Resin impregnate paper, Polyurethane
- Pressurization valve: Nylon, Galvanized steel, NBR
- Seals: NBR

Temperature

From -25 °C to +100 °C

Weight

0.40 kg

Quantity

10 pcs/pack



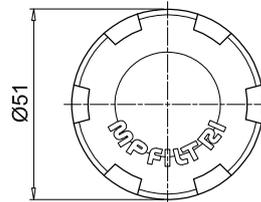
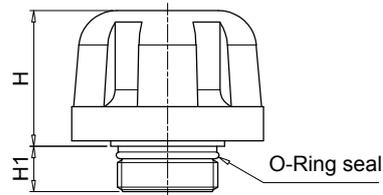
Designation & Ordering code

COMPLETE AIR BREATHER - SAP50

Series and size	Configuration example :						
SAP50 Nylon air filter	SAP50	G3	L03	A	1	0	P01
Connections to the tank							
G1	G 1/4"						
G2	G 3/8"						
G3	G 1/2"						
G4	G 3/4"						
G9	SAE 6 - 9/16" - 18 UNF						
G10	SAE 12 - 1 1/16" - 12 UN						
Filtration rating							
L03	Resin impregnate paper 3 µm						
L10	Polyurethane 10 µm						
Seals							
A	NBR						
Valve	Connection						
	G1	G2	G3	G4	G9	G10	
0	Without valve						
1	0.5 bar pressurization valve						
Basket							
0	Without basket						
Execution							
P01	MP Filtri standard						
Pxx	Customized						

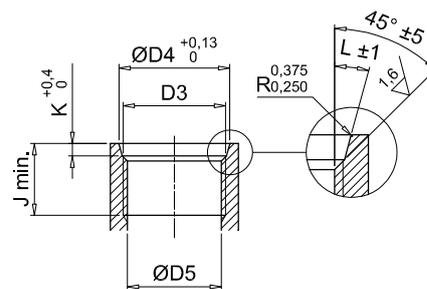
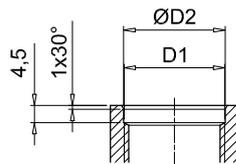
SAP50

Threaded connection



Housing on the tank for connections GAS

Housing on the tank for connections SAE



Connections	H [mm]	H1 [mm]	D1 [mm]	$\text{Ø}D2$ [mm]	D3 [mm]	$\text{Ø}D4$ [mm]	$\text{Ø}D5$ [mm]	J min. [mm]	K [mm]	L
G1	36	12	G 1/4"	13.5	-	-	-	-	-	-
G2	36	12	G 3/8"	17	-	-	-	-	-	-
G3	36	12	G 1/2"	21.5	-	-	-	-	-	-
G4	36	12	G 3/4"	26.7	-	-	-	-	-	-
G9	36	12	-	-	SAE 6 - 9/16" - 18 UNF	15.6	13.081 12.751	12.7	2.5	12°
G10	35	14.5	-	-	SAE 12 - 1 1/16" - 12 UN	29.2	24.978 24.696	19	3.3	15°