

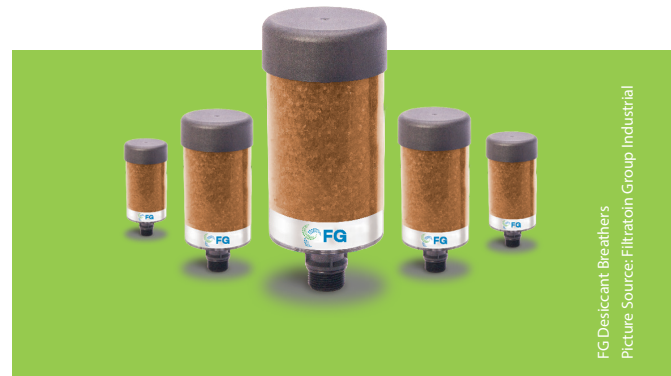


## Take a deep breath

Desiccant breathers from Filtration Group Industrial protect lubricants and equipment from damage due to moisture and particulate intrusion.

## Dimensions

Type	Standard Connections	Height mm/(inch)	Diameter mm/(inch)
FG-BB	3/8" fits NPT/BSPP/ BSPT	109,2 (4,30")	64,0 (2,52")
FG-1	3/8" fits NPT/BSPP/ BSPT	147,3 (5,80")	64,0 (2,52")
FG-2	1" fits NPT/BSPP/ BSPT	158,5 (6,24")	104,1 (4,10")
FG-3	1" fits NPT/BSPP/ BSPT	212,7 (8,44")	104,1 (4,10")
FG-4	1" fits NPT/BSPP/ BSPT	267,8 (10,53")	104,1 (4,10")



FG Desiccant Breathers  
Picture Source: Filtration Group Industrial

## Typical industries

- Wind Energy
- Power Generation
- Mining
- Aviation
- Manufacturing
- Petrochemical
- Pulp and Paper

# Take a deep breath

## Desiccant Breathers

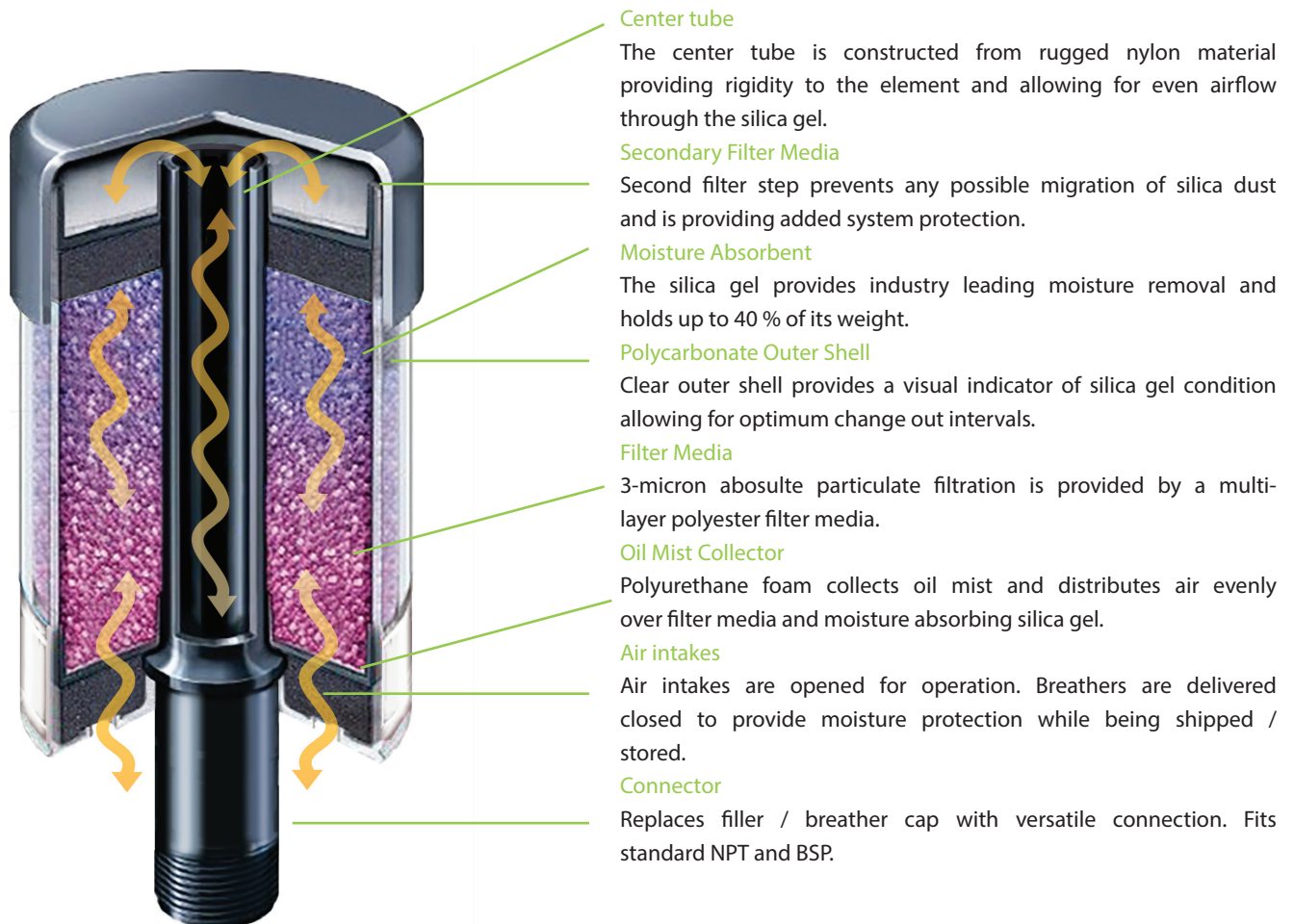
Desiccant breathers from Filtration Group Industrial replaces the customary dust caps or breathers often found on new equipment. When contaminated air enters the top of the breather, it passes through layered filter media, blocking solid particles from entering the breather and preventing undue wear to your equipment surfaces. The filtered air passes through a bed of silica gel which effectively removes moisture. The silica beads keep the equipment dry by attracting moisture from inside the equipment reservoir during service or shut-down.

## Performance

The FG breather offers significant performance improvements over other leading desiccant breathers. Head-to-head tests against leading competitive breathers demonstrate the extended body length of the FG breather holds up to 20 % more moisture.

## Applications

- Totes
- Transformers
- Storage of fluids
- Hydraulics



### Center tube

The center tube is constructed from rugged nylon material providing rigidity to the element and allowing for even airflow through the silica gel.

### Secondary Filter Media

Second filter step prevents any possible migration of silica dust and is providing added system protection.

### Moisture Absorbent

The silica gel provides industry leading moisture removal and holds up to 40 % of its weight.

### Polycarbonate Outer Shell

Clear outer shell provides a visual indicator of silica gel condition allowing for optimum change out intervals.

### Filter Media

3-micron absolute particulate filtration is provided by a multi-layer polyester filter media.

### Oil Mist Collector

Polyurethane foam collects oil mist and distributes air evenly over filter media and moisture absorbing silica gel.

### Air intakes

Air intakes are opened for operation. Breathers are delivered closed to provide moisture protection while being shipped / stored.

### Connector

Replaces filler / breather cap with versatile connection. Fits standard NPT and BSP.

## Your Contact

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