

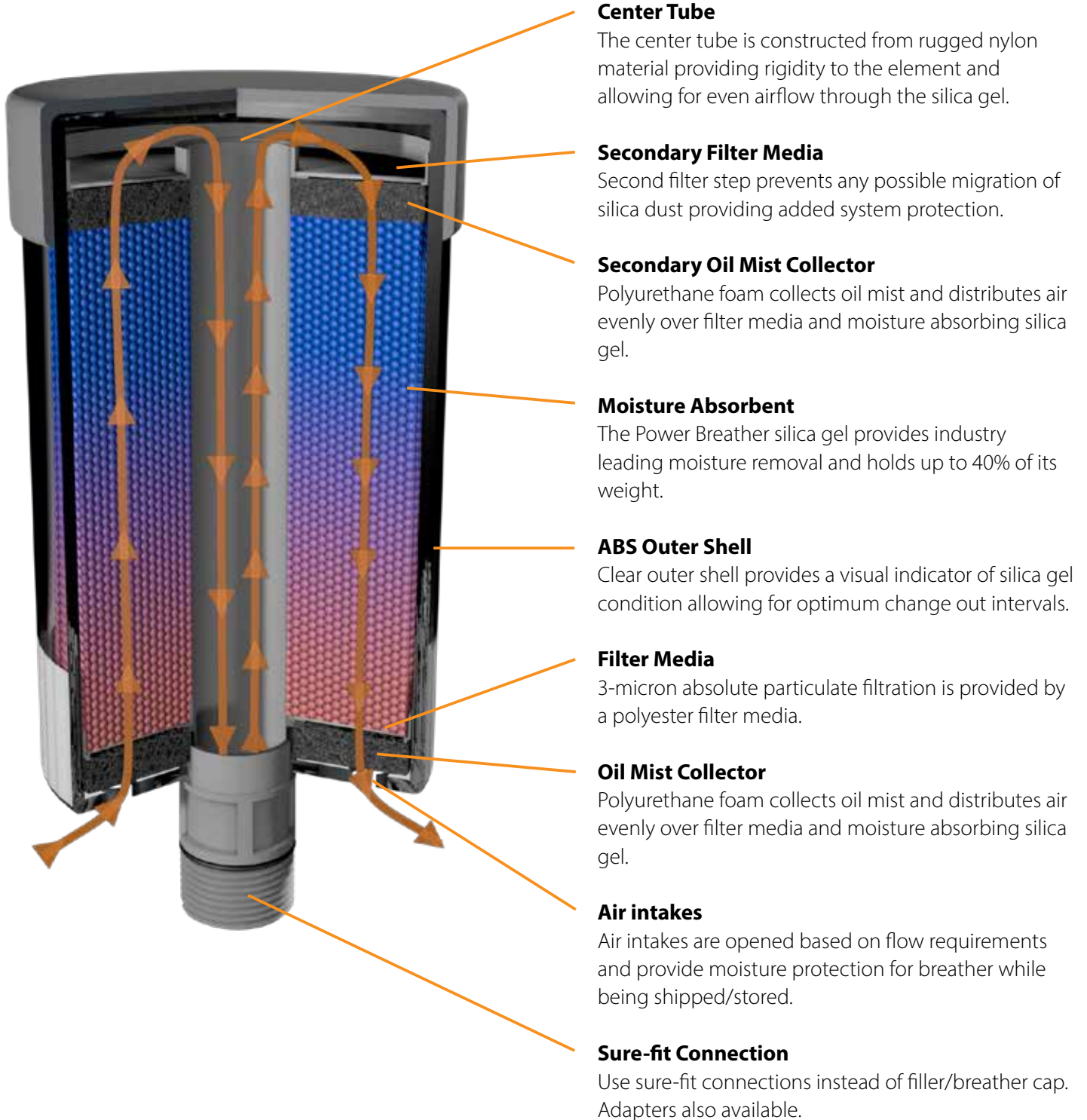
PETRO INDUSTRIAL



Power Breathers™

Protects lubricants and equipment from moisture and particulate intrusion.
Extends service cycles and equipment life resulting in lower lifetime operating costs.

This breather unit is a marked improvement over the customary dust caps or OEM breathers on equipment. When contaminated air enters the top of the breather, it passes through layered filter media, preventing solid particles from entering the breather and causing undue wear to your equipment surfaces. Filtered air passes through a bed of Power Breather silica gel, which removes harmful moisture from the air. The silica beads also work to attract moisture from inside the equipment reservoir during service or shut-down, keeping the equipment dry.



Performance

The iPETRO Breather offers significant performance improvements over other leading desiccant breathers.

Value add features:

Multiple head-to-head tests with leading competitors demonstrate that iPETRO POWER Breather Silica Gel averages nearly 20% more moisture holding capacity than other leading brands.

The increased body length of the iPETRO POWER Breather allows for 10% more volume of our silica gel when compared to leading competitors.

Materials

Body: ABS, Nylon, Polypropylene, Buna

Moisture Absorbing Media: Silica Gel

Filter Media: Polyester, Polyurethane

Filter Efficiency: 3 Micron Absolute

Operating temperatures: -20 F to 200 F / -29 °C to 93 °C

Dimensions

Model	Connection	Height	Width
TT-BB	3/8" Sure-Fit (NPT, BSPP, BSPT)	4.30"(10.92cm)	2.52"(6.40cm)
TT-1	3/8" Sure-Fit (NPT, BSPP, BSPT)	5.80"(14.73cm)	2.52"(6.40cm)
TT-2	1" Sure-Fit (NPT, BSPP, NPSM)	6.24"(15.85cm)	4.10"(10.41cm)
TT-3	1" Sure-Fit (NPT, BSPP, NPSM)	8.44"(21.27cm)	4.10"(10.41cm)
TT-4	1" Sure-Fit (NPT, BSPP, NPSM)	10.54"(26.78cm)	4.10"(10.41cm)

Sizing suggestions

Model	Max Moisture Retention	Max Airflow at 1psid
TT-BB	28ml / 1.0 fl oz	7 cfm / 198 lpm
TT-1	60ml / 2.0 fl oz	7 cfm / 198 lpm
TT-2	142ml / 4.8 fl oz	18 cfm / 510 lpm
TT-3	264ml / 8.9 fl oz	18 cfm / 510 lpm
TT-4	424ml / 14.3 fl oz	18 cfm / 510 lpm

Applications

- Hydraulic Systems
- Storage Tanks
- Totes/Drums
- Transformers

Typical Industries

- Manufacturing
- Chemical
- Pulp & Paper
- Storage Facilities
- Mining
- Power Plants
- Wind Energy



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