



TTI

Todd Technologies Inc

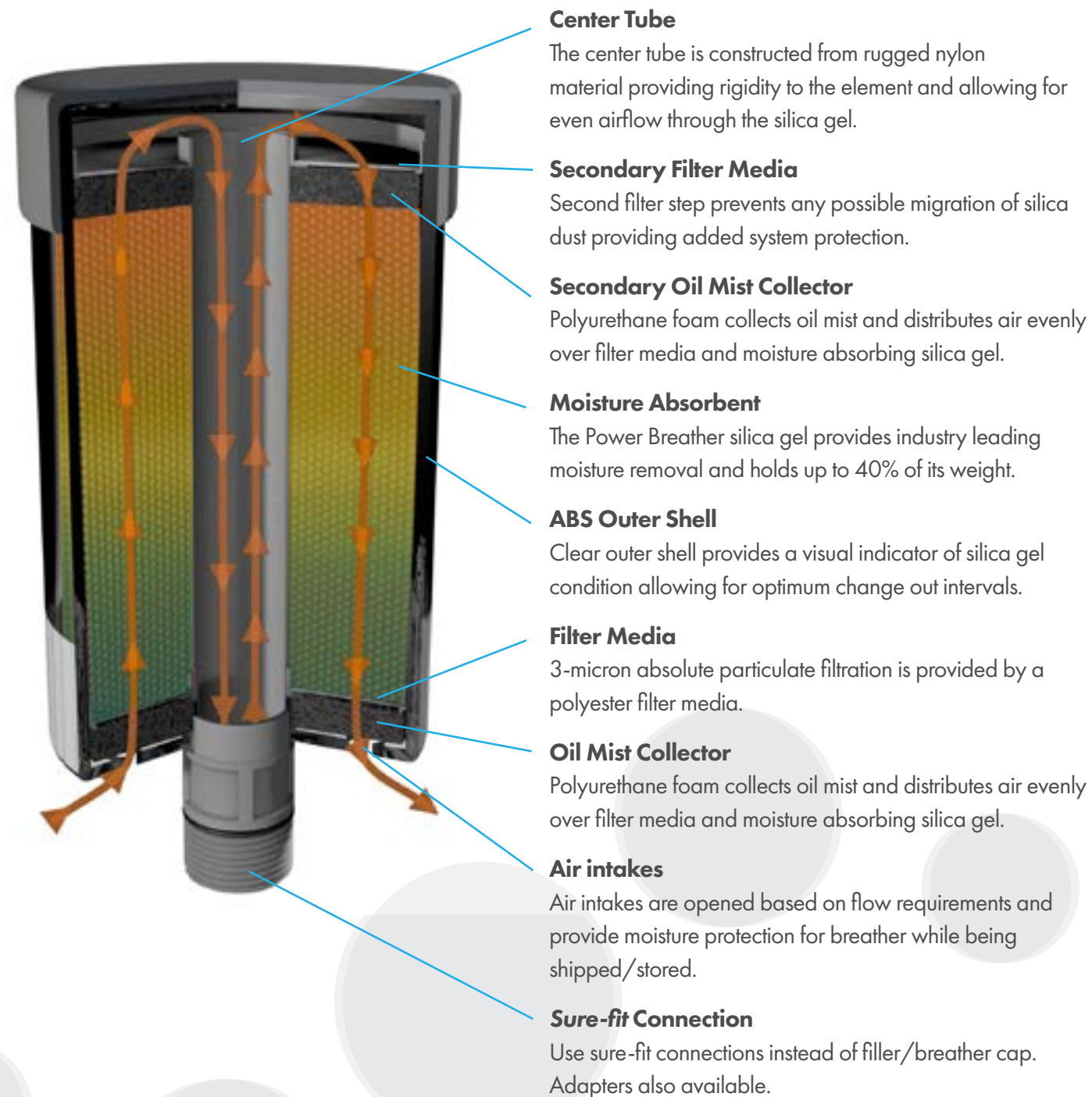
Power Breathers™

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



TTI Power Breathers

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 orange silica beads also work to attract moisture from inside the equipment reservoir during service or shut-down, keeping the equipment dry.



Dimensions

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

Sizing suggestions

Model	Max Moisture Retention
TTE-BB	28ml / 1.0 fl oz
TTE-1	60ml / 2.0 fl oz
TTE-2	142ml / 4.8 fl oz
TTE-3	264ml / 8.9 fl oz
TTE-4	424ml / 14.3 fl oz

Model	Max Airflow at 1psid
TTE-BB	7 cfm / 198 lpm
TTE-1	7 cfm / 198 lpm
TTE-2	18 cfm / 510 lpm
TTE-3	18 cfm / 510 lpm
TTE-4	18 cfm / 510 lpm

Materials

Body:
ABS, Nylon, Polypropylene, Buna

Moisture Absorbing Media:
Orange Silica Gel

Filter Media:
Polyester, Polyurethane

Filter Efficiency:
3 Micron Absolute

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

Performance

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

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

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



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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