

Zone Pressure Sensors (ZPS)

Rev. 01/19/12

Pressure Probe Assemblies

Overview

The Static Pressure Probe and Total Pressure Probe Assemblies connect to the BAPI Zone Pressure Sensor to provide duct static pressure or duct air velocity. The angled total probe faces into the airflow to sense the moving air's total pressure while the static probe senses static pressure.

Both probe assemblies include a tube and rubber hose with built in surge damper to smooth out variations in airflow for a more stable reading. The Static Pressure Probe is available individually while the Pitot Pressure Probe Assembly includes the total probe and the static probe assemblies.

ORDERING INFORMATION

- ZPS-ACC07...** Static Pressure Probe Assembly, 6" long
- ZPS-ACC08...** Static Tube Only (6") with Circular Foam
- ZPS-ACC09...** Rubber Hoses w/ Surge Damper (includes a bulk head fitting)
- ZPS-ACC11...** Pitot Pressure Probe Assembly, 3.5" long (includes the Static & Total Probe Assemblies)
- ZPS-ACC12...** Pitot Pressure Probe Assembly, 6" long (includes the Static & Total Probe Assemblies)
- ZPS-ACC13...** Total Tube Only (3.5") with Circular Foam (doesn't include hoses & damper)
- ZPS-ACC14...** Total Tube Only (6") with Circular Foam (doesn't include hoses & damper)
- ZPS-ACC15...** Surge Damper Only, 5 micron
- ZPS-ACC17...** Static Tube Only (0.5") with Circular Foam (doesn't include hoses & damper)
- ZPS-ACC18...** 2 Static Pressure Tube Assemblies, 6" Long
- ZPS-ACC21...** Static Tube Only (6") with Circular Foam and Mounting Screws (doesn't include hoses & damper)
- ZPS-ACC22...** Static Tube Only, Zero Length, with Circular Foam and Mounting Screws

Silicone Rubber Tubing

Overview

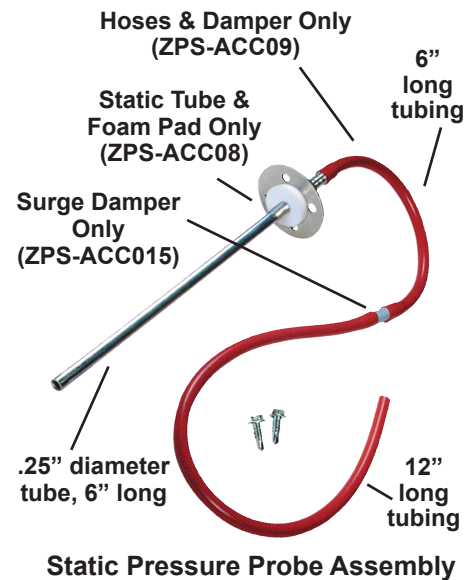
Made from a material that's used for green house glazing, this synthetic rubber tubing maintains its flexibility and resiliency over time.

Specifications:

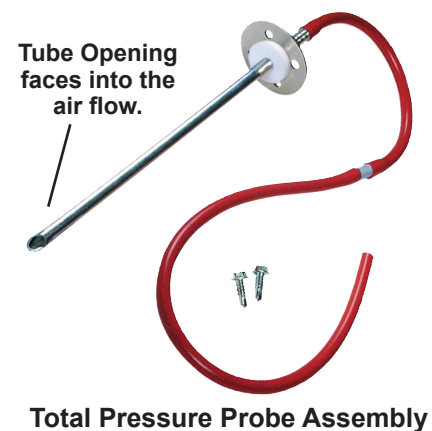
- ID:** 1/8 inch • **OD:** 1/4 inch • **Bend Radius:** 1/4 inch
- Hardness:** 50 durometer • **Tensile Strength:** 1100 psi
- Application Temperature:** -94°F to 392°F (-70°C to 200°C)
- Material:** Silicone Rubber

ORDERING INFORMATION

- ZPS-SIL-250-125-50** 50 foot roll of silicone rubber tubing



Static Pressure Probe Assembly



Total Pressure Probe Assembly



Static Tube Only, Zero Depth



Silicone Rubber Tubing



Pressure Probe Assemblies

Ordering Information

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>LIST PRICE</u>
ZPS-ACC07	Static Pressure Probe Assembly	\$25.50
ZPS-ACC08	Static Tube & Foam Pad Only (doesn't include hoses & damper)	\$12
ZPS-ACC09	Rubber Hoses with Built-In Surge Damper (includes a bulk head fitting)	\$13
ZPS-ACC11	Pitot Pressure Probe Assembly, 3.5" long (includes static & total probe assemblies)	\$72
ZPS-ACC12	Pitot Pressure Probe Assembly, 6" long (includes ZPS-ACC07)	\$72
ZPS-ACC13	Total Tube Only (3.5") with Circular Foam (doesn't include hoses & damper)	\$13
ZPS-ACC14	Total Tube Only (6") with Circular Foam (doesn't include hoses & damper)	\$13
ZPS-ACC15	Surge Damper Only, 5 micron	\$7.50
ZPS-ACC17	Static Tube Only (0.5") with Circular Foam (doesn't include hoses & damper)	\$10.50
ZPS-ACC18	2 Static Pressure Tube Assemblies, 6" Long	\$51
ZPS-ACC21	Static Tube Only (6") with Circular Foam and Mounting Screws (doesn't include hoses & damper)	\$30.64
ZPS-ACC22	Static Tube Only, Zero Length, with Circular Foam and Mounting Screws	\$7.50

Silicone Rubber Tubing

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>LIST PRICE</u>
ZPS-SIL-250-125-50	50 foot roll of silicone rubber tubing	\$73.50

Gray shaded items follow the Buy and Resale Multiplier.