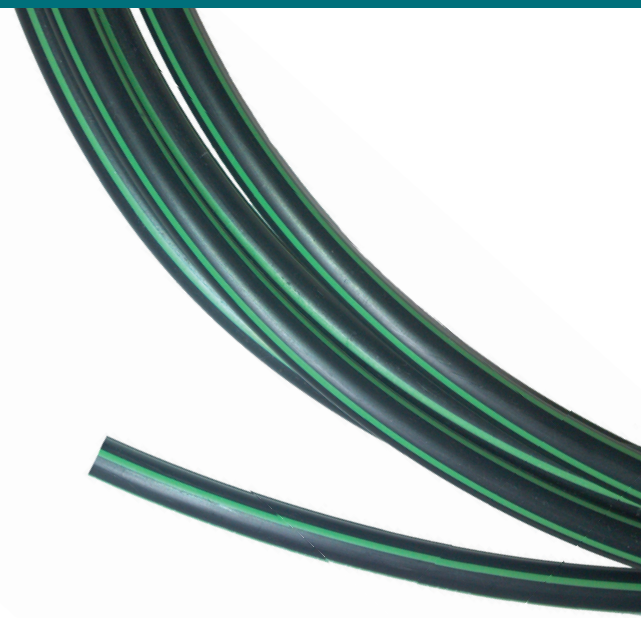


OT100

OT Tubing



OT100 Tubing

The OT Tubing (OT) provides a cost-effective solution for environments where carbon dioxide (CO₂) and/or carbon monoxide (CO) levels are being monitored. This Tubing is dimensionally stable to allow for reliable use of push-to-connect fittings and is plenum rated and can be installed in accordance with NFPA, Standard 90A.

OT100 is suitable for use between the Air Data Router (ADR) and the location from where the sample is being taken. It is not suitable for use as an alternative to OSC Structured Cable (OSC100) between the Sensor Suite and ADRs. The characteristics of the OT Tubing make it inappropriate for accurately measuring dewpoint, TVOC and particle levels.

Features



Plenum rated for new and existing construction.



Flexible, lightweight and rugged.

Green stripes for easy identification.



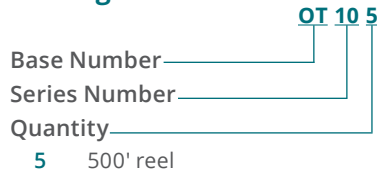
Easy to install. No special tools or installation techniques are required.



Dimensionally stable to support reliable connections via push-to-connect fittings.

Printed with running length markings required for installation.

Ordering Guide



Specifications

OT Tubing

Black with 4 green stripes for easy identification

Mechanical

Tubing dimensions: 0.375" OD x 0.25" ID (0.95 OD x 0.64 ID cm)

Maximum pull tension: 67 lbf (298 N)

Minimum bend radius: 2.0" (5.08 cm)

Cross sectional area: 0.110 sq in (0.71 sq cm)

Printed running footage marking: 2' (0.61 m)

Weight (approximate): 500' (152.4 m) reel: 18 lbs (8.2 kg)

Operating temperature range (for indoor use only):
40°–120°F (4.4°–49°C)

Regulatory Compliance

NFPA 90A, UL 94V-2, UL 1820



Accessory Items for OT Tubing

	OT-C12 Elbow Coupler Fittings Kit	OT-C11 Coupler Fittings Kit	OT-E11 Enlarger Fittings Adapter Kit
			
Description	<p>The OT-C12 Elbow Coupler Fittings are used to join two lengths of OT Tubing. The Elbow Coupler Fittings Kit consists of ten elbow coupler fittings.</p> <p>Recommended order quantity is one for 2,500' (762 m) of OT100.</p>	<p>The OT-C11 Coupler Fittings are used to join two lengths of OT Tubing. The Coupler Fittings Kit consists of ten straight coupler fittings.</p> <p>Recommended order quantity is one for 2,500' (762 m) of OT100.</p>	<p>The OT-E11 Enlarger Fittings are used to attach to the Duct Probe or AirDataRouter test area connections to allow for the connection of OT Tubing. The Enlarger Kit consists of ten enlarger fittings.</p> <p>Recommended order quantity is one for each ten connections being made.</p>
Features	<ul style="list-style-type: none"> • Push-fit technology • Superior flow characteristics 	<ul style="list-style-type: none"> • Push-fit technology • Superior flow characteristics 	<ul style="list-style-type: none"> • Push-fit technology • Superior flow characteristics
Ordering Guide	Order Number OT-C12	Order Number OT-C11	Order Number OT-E11
Specifications	<p>Kit Includes Ten Elbow Fittings</p> <p>Dimensions: 0.375" (0.95 cm) OD tube</p>	<p>Kit Includes Ten Straight Coupler Fittings</p> <p>Dimensions: 0.375" (0.95 cm) OD tube</p>	<p>Kit Includes Ten Enlarger Fittings</p> <p>Dimensions: 0.3125" (0.79 cm) stem to 0.375" (0.95 cm) fitting</p>