

# PLEXCO® 2600 Series Piping

## PLEXCO® 2600 Instube®5 Pneumatic Control Circuit Tubing



PLEXCO® Instube®5 Pneumatic Tubing is available to meet your needs in compliance with NFPA 90A and UL1820 product standards.

Produced from only the highest rated polyethylene material, PLEXCO® 2600 Series Tubing is manufactured from superior quality resin for reliability and long-term performance.

### PLEXCO® Instube®5 Tubing Advantages:

- ✓ Plenum Rated
- ✓ Air Tight
- ✓ Excellent Flow
- ✓ Light Weight
- ✓ Flame Retardant
- ✓ Flexible
- ✓ High Quality
- ✓ Easy Handling
- ✓ Stress Crack Resistant
- ✓ Color Coding
- ✓ Easy Identification
- ✓ Environmental

Optional Color Stripes for Identification	
Red	White
Blue	Green
Yellow	Orange
Violet	Black - Standard

# PLEXCO® 2600 Series Piping

PLEXCO® 2600 Instube®5 Pneumatic Tubing is intended for indoor use and for low pressure pulse control circuit applications of  $\leq 1$  atm (~14.69 psi)

Plexco® Series Tubing Material Physical Properties		
Property*	Standard	Typical Value†
Density	ASTM D792	0.920 g/cm <sup>3</sup>
Melt Index (190°C/2.16 kg)	ASTM D1238	0.6 g/10 min
Flexural Modulus	ASTM D790	45,000 psi
Tensile Strength - Break	ASTM D638	2250 psi
Stress-Crack Resistance	ASTM D1693A	>500 hours non-failure
Flame Propagation	UL 1820	< 5 ft.
Average Optical Density	UL 1820	< 0.15

\*Material properties of the polyethylene natural resin used to manufacture PLEXCO® 2600 Instube®5 Pneumatic Tubing products

This is not a product specification and does not guarantee or establish specific minimum or maximum values or manufacturing tolerance for material or tubing products to be supplied. Values obtained from tests of specimens taken from tubing product may vary from these typical values.

Nominal Size	Nominal Outside Diameter	Nominal Inside Diameter	Nominal Wall	Weight (lbs.) per foot	Coil Length	Master Pack
5/32" OD	0.156"	0.096"	0.030"	0.60	500'	2000'
1/4" OD	0.250"	0.170"	0.040"	1.32	250'/1000'	1000'/2000'
3/8" OD	0.375"	0.250"	0.064"	3.04	250'/500'	1000'
1/2" OD †	0.500"	0.375"	0.064"	4.25	250'	500'
5/32" Twintube‡	---	0.096"	0.032"	1.20	500'	1000'
1/4" Twintube‡	---	0.170"	0.042"	2.86	250'	500'

Available stripe colors: red, white, blue, green, yellow, orange and violet.  
 † Available stripe colors: red, white, blue and green only.  
 ‡ Available in black only.

This product flyer is intended for reference purposes. It should not be used in place of a licensed Professional Engineer. For additional information, please visit [www.performancepipe.com](http://www.performancepipe.com)