

Ventilation tube

Zehnder ComfoFlex

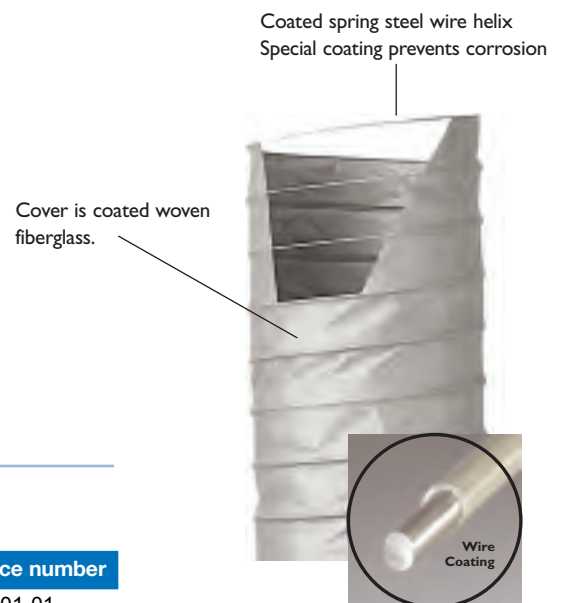
Benefits

- Reduced total installed cost—fast, economical installation.
- Material will not support mold or mildew growth.
- Easily cut to exact lengths, or spliced at the job.
- Underwriters Laboratories (UL) listed as Class 1 air duct, Standard 181.
- All components are self-extinguishing and will not support flame.
- Complies with NFPA Standards 90A and 90B and most local, state and federal standards or codes.
- Maintenance free under normal conditions—highly resistant to rust and corrosion.
- Suitable for all commercial applications where noninsulated “connector” rated products are not allowed.
- Will not collapse at recommended operating pressure.
- Assists absorbing system vibration transmitted through ductwork.
- Packaged compactly for efficient transporting, storing and handling.

Construction and Materials:

The supporting helix of coated spring steel wire is permanently bonded to a coated woven fiberglass cover.

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for Superior Indoor
Air Quality**



Article numbers

Product	Reference number
ComfoFlex, 50' section	9501-01

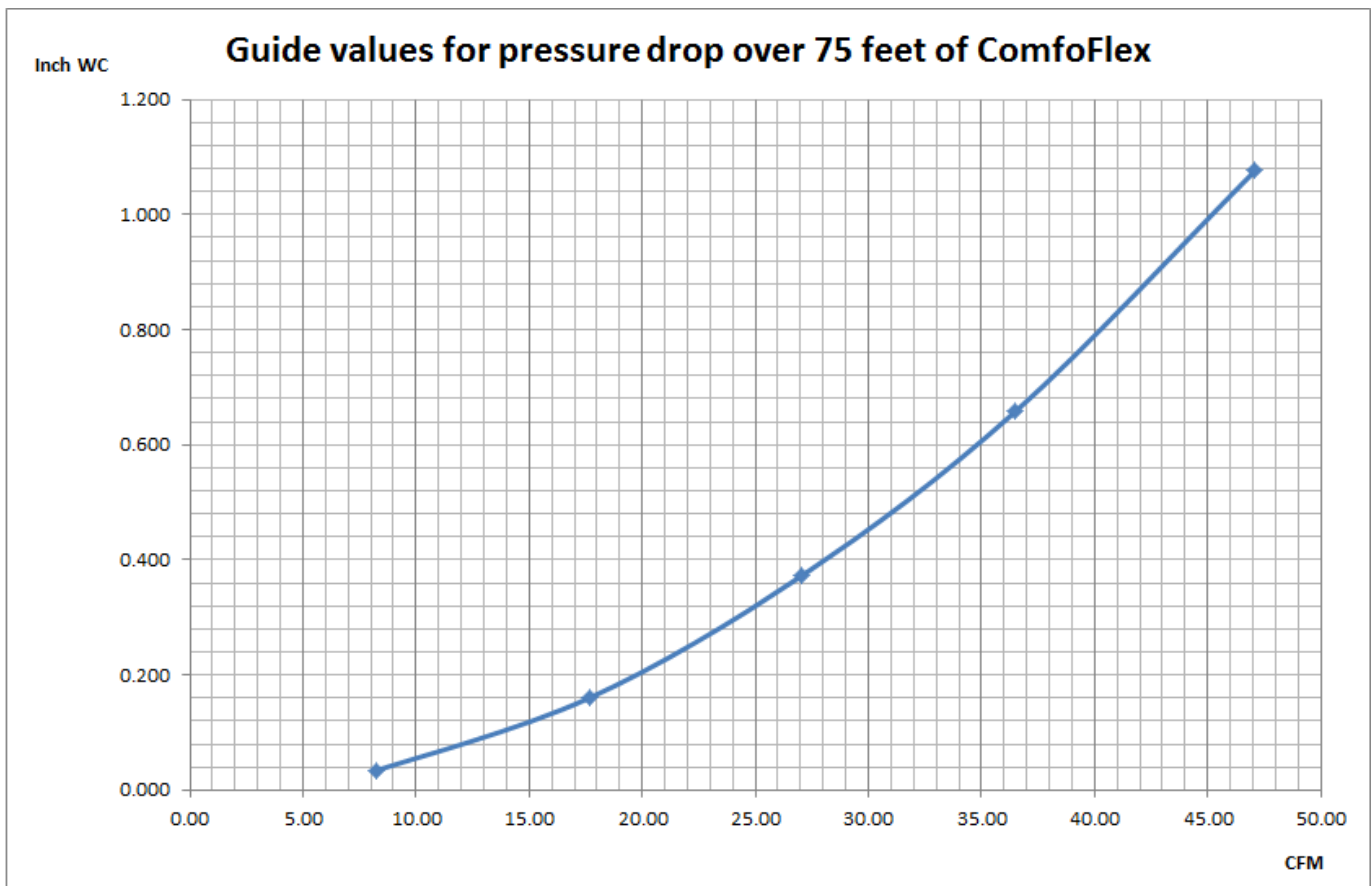
APPLICATIONS and ENGINEERING DATA:

Nominal inside diameter (inches):	3	
Length (feet):	50	
Inside bend radius (inches):	3	
Operating pressure (inches water column):	Positive = 16 inches	Negative = 1 inch
Maximum leakage (cubic ft./min./linear ft./in. diameter) At 16 inch water column:	0.015	
Internal operating temperature range (°F):	Minimum = 0	Maximum = 250
Velocity (feet per minute):	6000	
Surface burning characteristics:	Max. flame spread = 25	Max. smoke developed = 50
Oxygen index ratings:	Woven and coated glass cloth fabric = 35.60	

Technical specifications

Data	
Inside diameter ["]	3.0
Weight per running length [lb/ft]	0.2
Running length per box [ft]	50
Weight per Box [lb]	10
Box Dimensions length x depth x height [Inch]	4" x 4" x 3'

Pressure loss diagram



Note:
Each 90 deg. bend will add ~ 0.02 inch WC Pressure drop

ComfoFlex sound attenuation

