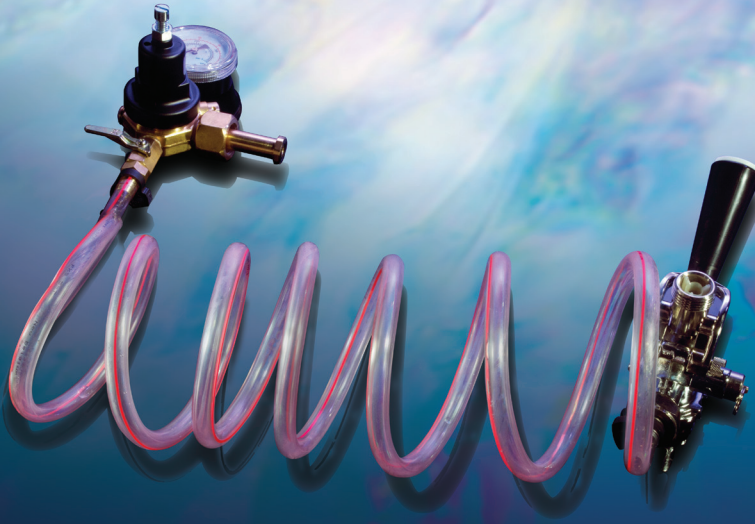


**EJ Beverage**

An Eldon James Company



## Ultra Barrier™ Gas

PVC-Free Tubing  
Highly Flexible  
Food Grade

Superior Barrier Properties  
Extremely Low Extractables

**PVC Free Gas Line**

## PVC-Free Food & Beverage Gas Line Tubing

### Ultra Barrier™ Gas

PVC-Free Flexible Barrier Gas Line Tubing

Ultra Barrier™ Gas tubing from EJ Beverage is constructed of a unique compound that provides for an excellent alternative to PVC. Advantages to this unique tubing are:

- Clear tubing with red stripe for identification as low pressure gas line
- PVC Free and BPA Free - contains no DEHP phthalates or other plasticizers
- Environmentally friendly production - does not emit dioxins
- Proven to have no significant impact on taste or flavor
- Extremely low extractables/leachables
- High flexibility
- Remains flexible at lower temperatures
- Ultra-low permeability
- Superior Barrier properties

**EJ Beverage**  
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## Ultra Barrier™ Gas

### PVC-Free Barrier Gas Line Tubing

Superior Barrier Properties

Clear Gas Line Tubing

#### Standard Sizes

Ultra Barrier™ Gas tubing is available in 5/16" I.D. Thermoformed/coiled tubing, custom sizes, colors and other special constructions are also available as special order.

Tube Number	Tube ID (A)		OD Nominal (B)		Wall Thickness	Standard Roll
BFXR 4-8	1/4"	.250"	1/2"	.500"	1/8"	100 ft.
BFXR 5-9	5/16"	.323"	9/16"	.563"	1/8"	100 ft.

#### Metric Sizes

Tube Number	Tube ID (A)		OD Nominal (B)		Wall Thickness	Standard Roll
BFXR 4M-8M	4 mm	.157"	8 mm	.315"	2 mm	25 M
BFXR 7M-12M	7 mm	.276"	12 mm	.472"	2.5 mm	25 M

#### Barrier Testing Results

Barrier testing was conducted according to ASTM D1434-82 for various gases. Our barrier tubing compounds used in Ultra Barrier™ tubing showed tremendous barrier properties for oxygen and significant barrier properties for other gases.

Gas Tested	Permeation Reading - P [(cm <sup>3</sup> )(CM)/(CM <sup>2</sup> )(sec)(PA)]		
	at 15 psi	at 30 psi	at 60 psi
Oxygen	NDR*	NDR*	3.38281E-12
Nitrogen	NDR*	3.77287E-12	-
Carbon Dioxide	NDR*	1.83524E-12	-
Methane	NDR*	1.44065E-12	-

\*NDR - No Discernible Reading at given pressure.

Temp. Range: -40°C to 52°C (-40°F to 125°F)

No DEHP or Phthalates

Low Extractables/Leachables

Superior Barrier Properties

High Flexibility

ISO 9001:2008



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