Excelon®

# Beverage Tubing

**APPLICATIONS:**

SODA TRANSFER
JUICE TRANSFER
TEA TRANSFER
MILK PROCESSING
ICE CREAM MACHINES
RESTAURANT / BAR BEVERAGE TUBING
PHARMACEUTICAL PROCESSING
COSMETIC PROCESSING
BEVERAGE DISPENSING

Samples available upon request.

Custom sizes and lengths available upon request.

REACH compliant material available upon request

**REGULATORY COMPLIANCE:** RoHs, FDA, and Prop 65 compliant

# Clear, Versatile High-Performance Tubing

- Equivalent to Tygon S3™ B-44-3
- Non-toxic, low odor, low taste
- Broad resistance to virtually all non-solvent chemicals
- Easy to clean, inner bore allows complete drainage
- Meets FDA criteria for food and beverage products
- Crystal clear for easy visual monitoring of fluid flow
- Lightweight and flexible for quick, easy installation
- Batch consistency

**Excelon® Beverage Tubing** is a versatile, high-performance non-toxic tube suitable for transferring sodas, juices, teas, and bottled water. It will not affect the taste, smell, or texture of any drink and is a good choice for use in restaurants, bars, milk processing and handling, ice cream machines, and more.

Excelon® Beverage Tubing is the most widely specified grade of flexible tubing, and is suitable for use in a wide variety of non-beverage applications, including pharmaceutical & cosmetics processing.

## PHYSICAL PROPERTIES

| PROPERTIES | |
|---|---|
| Hardness "A", Hand (15 Sec. +/- 3) | 66 |
| Specific Gravity | 1.20 |
| Tensile Strength | 1830 psi |
| Elongation at Break | 390% |
| Max. Operating Temp. | 165°F |
| Brittle Temperature | -49°F |

*Values listed are typical and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.*

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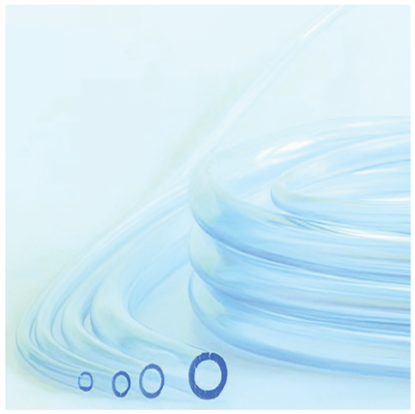

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## BEVERAGE TUBING SIZING CHART

| ITEM NO. | ID | OD | WALL | LENGTH | MINIMUM BEND RADIUS | MAX. WKG PRESSURE PSI @ 73°F |
|---|---|---|---|---|---|---|
| 443901705 | .062 | .125 | .031 | 50' | .250 | 60 |
| 443901805 | .093 | .156 | .031 | 50' | .375 | 43 |
| 44390205 | .125 | .187 | .031 | 50' | .500 | 34 |
| 4430205 | .125 | .250 | .062 | 50' | .375 | 60 |
| 4430305 | .187 | .312 | .062 | 50' | .625 | 43 |
| 44390405 | .187 | .250 | .031 | 50' | 1 | 25 |
| 4430505 | .187 | .437 | .125 | 50' | .375 | 54 |
| 4430605 | .250 | .375 | .062 | 50' | 1 | 34 |
| 4430705 | .250 | .437 | .093 | 50' | .750 | 47 |
| 4430805 | .250 | .500 | .125 | 50' | .625 | 60 |
| 4430905 | .312 | .437 | .062 | 50' | 1.375 | 28 |
| 4431005 | .312 | .500 | .093 | 50' | 1 | 40 |
| 4431105 | .312 | .562 | .125 | 50' | .875 | 50 |
| 4431205 | .375 | .500 | .062 | 50' | 1.750 | 25 |
| 4431305 | .375 | .562 | .093 | 50' | 1.375 | 34 |
| 4431405 | .375 | .625 | .125 | 50' | 1.125 | 44 |
| 4431505 | .437 | .562 | .062 | 50' | 1.375 | 22 |
| 4431805 | .500 | .625 | .062 | 50' | 2.875 | 19 |
| 4431905 | .500 | .687 | .093 | 50' | 2.125 | 27 |
| 4432005 | .500 | .750 | .125 | 50' | 1.750 | 34 |
| 4432505 | .625 | .812 | .093 | 50' | 2.500 | 23 |
| 4432605 | .625 | .875 | .125 | 50' | 2.375 | 29 |
| 4432705 | .625 | .937 | .156 | 50' | 2.125 | 35 |
| 4433105 | .750 | 1 | .125 | 50' | 3.250 | 25 |
| 4433305 | .875 | 1.125 | .125 | 50' | 4.125 | 22 |
| 4433505 | 1 | 1.250 | .125 | 50' | 5.125 | 20 |
| 4433705 | 1 | 1.375 | .187 | 50' | 3.750 | 27 |
| 4433805 | 1 | 1.500 | .250 | 50' | 3 | 34 |
| 44393905 | 1.250 | 1.500 | .125 | 50' | 7.375 | 11 |
| 4434105 | 1.500 | 2 | .250 | 50' | 5.875 | 25 |
| 443941705 | 1.750 | 2.250 | .250 | 50' | 7.500 | 16 |
| 4434205 | 2 | 2.500 | .250 | 50' | 9.375 | 19 |

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