



# Excelon Beverage Tubing

## Description and Overview

Excelon beverage tubing is a high-performance PVC tubing for the transferring of beverages. Equivalent to Tygon® B-44-3, it is non-toxic and will not affect the taste, smell, or texture of beverages transferred through it. Excelon beverage tubing features a wide resistance to nearly all non-solvent chemicals. It is completely clear to allow for easy monitoring of fluid transfer and flow. Its flexibility and light weight allow for a quick and easy installation.

## Applications and Uses

Excelon beverage tubing is primarily used for applications involving the transfer of beverages, but is also widely used in non-beverage applications, including cosmetics and pharmaceutical processing.

- Beverage transfer
- Cosmetic processing
- Pharmaceutical processing
- Milk processing and handling
- Ice cream machines



## Properties and Specifications

| Properties           | Excelon Beverage Tubing | Tygon B-44-3 Beverage Tubing |
|----------------------|-------------------------|------------------------------|
| Hardness, Shore A    | 63                      | 63                           |
| Specific Gravity     | 1.2                     | 1.2                          |
| Elongation at Break  | 410%                    | 410%                         |
| Brittle Temperature  | -49°F                   | -49°F                        |
| Brittle Temperature  | -49°F                   | -49°F                        |
| Tensile Strength     | 2,300 psi               | 2,300 psi                    |
| Max. Operating Temp. | 165°F                   | 165°F                        |

| Excelon Tubing                          | Tygon® Equivalent      |
|---|------------------------|
| Excelon Beverage Tubing                 | Tygon® B-44-3          |
| Excelon Food Process Tubing             | Tygon® A-60-F          |
| Excelprene Industrial Grade Tubing      | Tygon® Norprene A-60-G |
| Excelthane Tubing                       | Tygothane® C-210-A     |
| Excelon Ultra Chemical Resistant Tubing | Tygon® 2375            |
| Excelon Fuel & Lubricant Tubing         | Tygon® F-4050-A        |
| Excelon Laboratory & Vacuum Tubing      | Tygon® R-3603          |

Properties are typical.  
Chem is an abbreviation for chemically affixed with glues, chemicals, or adhesive.  
Mech is an abbreviation for mechanically affixed bonding.  
Field testing is recommended for any application.

