

# Excelon Excelthane Tubing

## High-Heat Polyurethane Flexible Tube

### Description and Overview

Excelon Excelthane tubing is made from translucent polyurethane. A high-performance tubing equivalent to Tygon Tygothane® C-210-A, it exhibits high strength and excellent abrasion, tearing, and impact resistance in both fluid transfer and fluid dispensing applications. It is capable of performing in sub-zero and high temperatures, with an operating temperature range of -100°F to 200°F.

Excelon Excelthane tubing resists chemicals, oils, greases, and fuels and is plasticizer-free to prevent tube hardening and flow contamination.

### Applications and Uses

Excelon Excelthane tubing is versatile. Its resistance to chemicals and oils, greases, and fuels makes it suitable for use in the transfer of abrasive products, coolant recovery, lubricant and degreaser dispensing, and more. Excelthane meets FDA criteria for safe food and beverage contact and may be used in food and beverage processing applications.

- Food processing
- Pneumatic lines
- Cable jacketing
- Coolant recovery
- Abrasive product transfer
- Lubrication and degreaser dispensing



### Properties and Specifications

| Properties               | Excelon Excelthane | Tygon Tygothane® C-210-A Precision Polyurethane Tubing |
|--------------------------|--------------------|--|
| Hardness, Shore A        | 82                 | 82   |
| Specific Gravity         | 1.20               | 1.20   |
| Elongation at Break, %   | 500                | 500  |
| Brittle Temperature, °F  | -100               | -100   |
| Tensile Strength, psi    | 6,050              | 6,050  |
| Max. Operating Temp., °F | 200                | 200  |

| Excelon Tubing                          | Tygon® Equivalent      |
|---|------------------------|
| Excelon Beverage Tubing                 | Tygon® B-44-3          |
| Excelprence 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          |

330 Commerce Circle  
 Sacramento, CA 95815  
 (888) 768-5759



WARNING: This product can expose you to chemicals, which are known to the State of California to cause cancer, birth defects, and/or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

