



# Excelon Excelprene Food Process Tubing

## Description and Overview

Excelon Excelprene food process tubing, a Tygon® A-60-F equivalent, is made from a thermoplastic elastomer (TPE). Formulated specifically to withstand the extreme temperatures that arise during many food, dairy, and cosmetic processing applications, it can operate from -75°F to 275°F without issue. Unlike traditional rubber tubing, Excelprene won't crack or deteriorate when exposed to high heat or ozone over prolonged periods of time, making it a preferable choice when compared to similar rubber counterparts. Excellent resistance to chemicals, acids, alkalis, and animal/vegetable oils compared to rubber tubing makes cleaning and sterilizing Excelprene easy. It is compatible with harsh cleaners and sanitizers.

## Applications and Uses

Excelprene tubing is both flexible and durable, a combination of properties that reduces the chance of kinking or deformation and allows for easy installation. Combined with its excellent resistance to fatigue and abrasion, it is a favored choice for use with peristaltic/roller pumps in dispensing equipment. Though commonly used in food processing, Excelprene also sees use in dairy and cosmetic processing and chemical transfer.

- Hot and cold food processing
- Dairy processing
- Cosmetic processing
- Chemical transfer
- Hot beverage dispensing



## Properties and Specifications

Properties	Excelon TPE Food Process Tubing	Tygon A-60-F Norprene Food Process Tubing
Hardness, Shore A	61	61
Specific Gravity	0.98	0.98
Elongation at Break	375%	375%
Brittle Temperature	-75°F	-75°F
Brittle Temperature	-49°F	-49°F
Tensile Strength	1,000 psi	1,000 psi
Max. Operating Temp.	275°F	275°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.

