

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

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.

Samples available upon request.

Custom sizes and lengths available upon request.

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

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.

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

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

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.

T Thermoplastic Processes

21649 Cedar Creek Ave
Georgetown, DE 19947

P: 302-855-0139

E: tpisales@excelon.com

www.thermoplasticprocesses.com

All contents © 2025 Thermoplastic Processes

LIABILITY CLAUSE

TPI PARTNERS, INC., hereinafter called the "Manufacturer," warrants that its products shall be free from defects in workmanship and materials.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES FOR FITNESS FOR PURPOSE INTENDED. The Manufacturer's liability is limited to the replacement of any materials which, after an examination by the Manufacturer and its sole option, are found to be defective. The Manufacturer will honor only those claims which are presented within ninety (90) days of the delivery of the materials to the purchaser. THE MANUFACTURER SPECIFICALLY DISCLAIMS ANY AND ALL LIABILITY FOR CONSEQUENTIAL DAMAGES. This literature supersedes all previous literature and the responsibilities made thereon. CAB-1/02