Excelon®

Food Tubing

APPLICATIONS:

BEVERAGE TRANSFER

MILK TRANSFER

DAIRY TRANSFER

Smooth, Non-Porous, Flexible Tubing

- Equivalent to Tygon® B-44-4X
- Chemical and bacterial resistant
- Non-toxic, odor-free, taste-free
- Crystal clear for visual inspection and flow monitoring
- Use with various clamps and barbed style fittings
- Lightweight and easy to handle
- Meets FDA criteria for contact with food and beverage products
- For applications requiring higher working pressures, refer to RNT Reinforced PVC
- Batch consistency

Excelon® Food, Milk, and Dairy Tubing is non-toxic, taste-free and odor-free, and meets all applicable regulatory standards for use in food, dairy, and milk applications. Producers of food, milk, and dairy products require the dependable performance of Excelon® Tubing in countless filling, draining, transfer, and processing applications.

Smooth, non-porous and flexible, Excelon® Food Milk and Dairy Tubing promotes a sanitary fluid path by maintaining an interior free of trapped particles, and minimizing potential for bacterial growth. In addition, it is resistant to harsh alkaline cleaners and is not affected by most commonly used sanitizers.

PHYSICAL PROPERTIES

PROPERTIES	
Hardness, Shore A	66
Specific Gravity	1.19
Tensile Strength	1830 psi
Elongation at Break	450%
Max. Operating Temp.	145°F
Brittle Temperature	-47°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.

REACH compliant material available upon request

REGULATORY COMPLIANCE: RoHS, FDA, and Prop 65 compliant.

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FOOD TUBING SIZING CHART

ITEM NO.	ID	OD	WALL	LENGTH	MINIMUM BEND RADIUS	MAX. WKG. PSI @ 73°F
444901705	.062	.125	.031	50'	.250	60
444901805	.093	.156	.031	50'	.375	43
44490205	.125	.187	.031	50'	.500	34
4440205	.125	.250	.062	50'	.375	60
4440305	.187	.312	.062	50'	.625	43
44490405	.187	.250	.031	50'	1	25
4440505	.187	.437	.125	50'	.375	54
4440605	.250	.375	.062	50'	1	34
4440705	.250	.437	.093	50'	.750	47
4440805	.250	.500	.125	50'	.625	60
4440905	.312	.437	.062	50'	1.375	28
4441005	.312	.500	.093	50'	1	40
4441105	.312	.562	.125	50'	.875	50
4441205	.375	.500	.062	50'	1.750	25
4441305	.375	.562	.093	50'	1.375	34
4441405	.375	.625	.125	50'	1.125	44
4441505	.437	.562	.062	50'	1.375	22
4441805	.500	.625	.062	50'	2.875	19
4441905	.500	.687	.093	50'	2.125	27
4442005	.500	.750	.125	50'	1.750	34
4442505	.625	.812	.093	50'	2.500	23
4442605	.625	.875	.125	50'	2.375	29
4442705	.625	.937	.156	50'	2.125	35
4443105	.750	1	.125	50'	3.259	25
444931805	.750	1.250	.250	50'	2	43
444931905	.750	1.125	.187	50'	2.375	34
4443305	.875	1.125	.125	50'	4.125	22
4443505	1	1.250	.125	50'	5.125	20
4443705	1	1.375	.187	50'	3.750	27
4443805	1	1.500	.250	50'	3	34
44493905	1.250	1.500	.125	50'	7.375	11
4444105	1.500	2	.250	50'	5.875	25
444941705	1.750	2.250	.250	50'	7.500	16
4444205	2	2.500	.250	50'	9.375	19

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REACH compliant material available upon request

REGULATORY COMPLIANCE: RoHS, FDA, and Prop 65 compliant.

Thermoplastic Processes

21649 Cedar Creek Ave
Georgetown, DE 19947
P: 302-855-0139
E: tpisales@excelon.com
www.thermoplasticprocesses.com

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