

# EXCELON FOOD TUBING



Smooth, non-porous, flexible tubing



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 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**	EXCEL FOOD
Hardness, Shore A	65
Specific Gravity	1.18
Tensile Strength, psi	2,030
Elongation at Break, %	390
Max. Operating Temp., °F	165
Brittle Temperature, °F	-47

\*\*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.

\*\*Fittings and clamps are also available. Please consult customer service for assistance.

- 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, 3-A and NSF criteria for contact with food and beverage products
- For applications requiring higher working pressures, refer to Excelon braided pressure tube
- Batch consistency

**Thermo**  
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# EXCELON FOOD TUBING

## EXCELON FOOD, MILK, DAIRY TUBING SIZING CHART

ITEM NO.	SIZE NO.	ID (INCHES)	OD (INCHES)	WALL (INCHES)	LENGTH (FEET)	MINIMUM BEND RADIUS (INCHES)	MAX .WKG. PSI @ 73 °F
444901705	S1A	1/16	1/8	1/32	50	1/4	60
444901805	S1B	3/32	5/32	1/32	50	3/8	43
44490205	S2	1/8	3/16	1/32	50	1/2	34
4440205	2	1/8	1/4	1/16	50	3/8	60
4440305	3	3/16	5/16	1/16	50	5/8	43
44490405	S4	3/16	1/4	1/32	50	1	25
4440505	5	3/16	7/16	1/8	50	3/8	54
4440605	6	1/4	3/8	1/16	50	1	34
4440705	7	1/4	7/16	3/32	50	3/4	47
4440805	8	1/4	1/2	1/8	50	5/8	60
4440905	9	5/16	7/16	1/16	50	1 3/8	28
4441005	10	5/16	1/2	3/32	50	1	40
4441105	11	5/16	9/16	1/8	50	7/8	50
4441205	12	3/8	1/2	1/16	50	1 3/4	25
4441305	13	3/8	9/16	3/32	50	1 3/8	34
4441405	14	3/8	5/8	1/8	50	1 1/8	44
4441505	15	7/16	9/16	1/16	50	1 3/8	22
4441805	18	1/2	5/8	1/16	50	2 7/8	19
4441905	19	1/2	11/16	3/32	50	2 1/8	27
4442005	20	1/2	3/4	1/8	50	1 3/4	34
4442505	25	5/8	13/16	3/32	50	2 1/2	23
4442605	26	5/8	7/8	1/8	50	2 3/8	29
4442705	27	5/8	15/16	5/32	50	2 1/8	35
4443105	31	3/4	1	1/8	50	3 1/4	25
444931805	S31B	3/4	1 1/4	1/4	50	2	43
444931905	S31C	3/4	1 1/8	3/16	50	2 3/8	34
4443305	33	7/8	1 1/8	1/8	50	4 1/8	22
4443505	35	1	1 1/4	1/8	50	5 1/8	20
4443705	37	1	1 3/8	3/16	50	3 3/4	27
4443805	38	1	1 1/2	1/4	50	3	34
44493905	S39	1 1/4	1 1/2	1/8	50	7 3/8	11
4444105	41	1 1/2	2	1/4	50	5 7/8	25
444941705	S41E	1 3/4	2 1/4	1/4	50	7 1/2	16
4444205	42	2	2 1/2	1/4	50	9 3/8	19

\*\*Tolerances for dimensional sizes above in accordance with generally accepted industry standards.

\*\*A number of environmental factors (including, but not limited to temperature, chemical attack, stress, vibration and expansion over fittings) will reduce the tubing's ability to withstand the pressures noted. Prior to specifying this tubing for use, it is the end user's responsibility to conduct the necessary tests to determine fitness for use in a specific application.



1-888-CURBELL

www.curbellplastics.com

Curbell Plastics is a proud supplier of Thermoplastic Processes materials.



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