

EXCELON BEVERAGE TUBING



Clear, versatile high-performance tubing



Excelon Beverage Tubing is a versatile, high-performance nontoxic, PVC 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 PVC tubing, and is suitable for use in a wide variety of non beverage applications, including pharmaceutical & cosmetics processing.

- Equivalent to Tygon B-44-3
- Non-toxic, odor-free, taste-free
- Broad resistance to virtually all non-solvent chemicals
- Easy to clean, inner bore allows complete drainage
- Meets FDA, 3-A and NSF criteria for plastics contact with food and beverage products
- Crystal clear for easy visual monitoring of fluid flow
- Lightweight & flexible for quick, easy installation
- Batch consistency

PHYSICAL PROPERTIES

Properties**	PVC BEV
Hardness, Shore A	63
Specific Gravity	1.20
Tensile Strength, psi	2300
Elongation at Break, %	410
Max. Operating Temp., °F	165
Brittle Temperature, °F	-49

**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.

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EXCELON BEVERAGE TUBING

EXCELON BEVERAGE TUBING SIZING CHART

ITEM NO.	SIZE NO.	ID (INCHES)	OD (INCHES)	WALL (INCHES)	LENGTH (FEET)	MINIMUM BEND RADIUS (INCHES)	MAX WKG PRESSURE PSI @ 73 °F
443901705	S1A	1/16	1/8	1/32	50	1/4	60
443901805	S1B	3/32	5/32	1/32	50	3/8	43
44390205	S2	1/8	3/16	1/32	50	1/2	34
4430205	2	1/8	1/4	1/16	50	3/8	60
4430305	3	3/16	5/16	1/16	50	5/8	43
44390405	S4	3/16	1/4	1/32	50	1	25
4430505	5	3/16	7/16	1/8	50	3/8	54
4430605	6	1/4	3/8	1/16	50	1	34
4430705	7	1/4	7/16	3/32	50	3/4	47
4430805	8	1/4	1/2	1/8	50	5/8	60
4430905	9	5/16	7/16	1/16	50	1 3/8	28
4431005	10	5/16	1/2	3/32	50	1	40
4431105	11	5/16	9/16	1/8	50	7/8	50
4431205	12	3/8	1/2	1/16	50	1 3/4	25
4431305	13	3/8	9/16	3/32	50	1 3/8	34
4431405	14	3/8	5/8	1/8	50	1 1/8	44
4431505	15	7/16	9/16	1/16	50	1 3/8	22
4431805	18	1/2	5/8	1/16	50	2 7/8	19
4431905	19	1/2	11/16	3/32	50	2 1/8	27
4432005	20	1/2	3/4	1/8	50	1 3/4	34
4432505	25	5/8	13/16	3/32	50	2 1/2	23
4432605	26	5/8	7/8	1/8	50	2 3/8	29
4432705	27	5/8	15/16	5/32	50	2 1/8	35
4433105	31	3/4	1	1/8	50	3 1/4	25
4433305	33	7/8	1 1/8	1/8	50	4 1/8	22
4433505	35	1	1 1/4	1/8	50	5 1/8	20
4433705	37	1	1 3/8	3/16	50	3 3/4	27
4433805	38	1	1 1/2	1/4	50	3	34
44393905	S39	1 1/4	1 1/2	1/8	50	7 3/8	11
4434105	41	1 1/2	2	1/4	50	5 7/8	25
443941705	S41E	1 3/4	2 1/4	1/4	50	7 1/2	16
4434205	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.



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