



FB70-PVC

Food & Beverage Tubing



Product Description

Grayline FB70-PVC is a flexible vinyl tubing suitable for use in water, food, and beverage applications. The soft material is very flexible and ideal for installation over barbed fittings or around sharp radius curves. The U.S. Food and Drug Administration sanctions all ingredients in this product for use in food contact applications (FDA Title 21). In addition, the tubing is listed under NSF Standard 51, Food Equipment Materials.

Standard Packaging: Reels or Cut to Customer Specifications.

Standard Color: Clear

Other Colors and Custom Sizes Available Upon Request

Specifications

- NSF Standard 51 Listed (Clear Only)
- FDA Title 21 Compliant Material
- EU Directive 2000/53/EC(ELV)
- EU Directive 2011/65/EU (RoHS2)
- EU Directive 2015/863 (RoHS3)

Features

- Operating Temperature is -40°C to 80°C
- Low Odor and Taste Transfer
- Low Temperature Flexibility
- Lead Free

Standard Sizes

ID (Inches)	WALL (Inches)	OD (Inches)	Max. Working Pressure at 73°F (PSI)
0.062	0.031	0.125	57
0.094	0.031	0.156	38
0.125	0.031	0.188	28
0.125	0.062	0.250	56
0.156	0.031	0.218	22
0.156	0.062	0.280	45
0.188	0.031	0.250	18
0.188	0.062	0.312	37
0.250	0.062	0.375	28
0.250	0.094	0.438	42
0.375	0.062	0.500	18
0.375	0.094	0.563	28
0.437	0.094	0.625	24
0.437	0.125	0.688	32
0.500	0.094	0.688	21
0.500	0.125	0.750	28
0.625	0.094	0.813	16
0.625	0.125	0.875	22

Material Properties

PROPERTY	TYPICAL VALUE	TEST METHOD
Durometer Hardness, Shore A (15 Seconds)	70	ASTM D2240
Tensile Strength (psi)	2,000	ASTM D412
Elongation (%)	400	ASTM D412
Specific Gravity	1.19	ASTM D792
Brittleness Temperature, Pass °C	-35°	ASTM D746



The values listed in this bulletin, to the best of our knowledge, are accurate. They are typical performance results and are not intended to be used as design data. We disclaim all liability in connection with the use of information contained herein or otherwise. Working pressures are based on a combination of actual test data and derived values. Working pressures are calculated at 1:5 ratio of burst pressure determined per ASTM D1599. The selection of size and material for any particular application is the user's responsibility. The designer must consider many factors (e.g. temperature, fluid, connections, etc.) when specifying the tubing.