



CX65-PVC

Laboratory Tubing



Product Description

Grayline CX65-PVC is a non-toxic laboratory grade flexible PVC tubing designed for excellent resistance to many fluids, especially inorganic chemicals such as bleach, diluted sulfuric or nitric acid. The soft material is very flexible and ideal for installation over barbed fittings or around sharp radius curves.

Standard Packaging: Reels or Cut to Customer Specifications.

Standard Color: Clear

Other Colors and Custom Sizes Available Upon Request

Specifications

- EU Directive 2000/53/EC (ELV)
- EU Directive 2011/65/EU (RoHS2)

Features

- Operating Temperature is -45° to 60°C
- Chemical Resistance
- Low Temperature Flexibility
- Kink Resistance
- Lead Free
- Non-Toxic

PROPERTY	TYPICAL VALUE	TEST METHOD
Durometer Hardness, Shore A (15 Seconds)	65	ASTM D2240
Tensile Strength (psi)	1,700	ASTM D412
Elongation (%)	375	ASTM D412
Specific Gravity	1.17	ASTM D792
Brittleness Temperature, Pass °C	-40	ASTM D746

Standard Sizes

ID (Inches)	Wall (Inches)	O.D. (Inches)	Max. Working Pressure at 73°F (PSI)	Vacuum Rating at 73°F (Inches of Hg)
0.062	0.031	0.125	46	29.9
0.093	0.031	0.156	32	29.9
0.125	0.031	0.187	24	23.0
0.125	0.062	0.250	46	29.9
0.156	0.031	0.218	20	14.0
0.156	0.062	0.281	38	29.9
0.187	0.031	0.250	16	9.0
0.187	0.062	0.312	32	29.9
0.250	0.062	0.375	24	23.0
0.250	0.093	0.437	35	29.9
0.375	0.062	0.500	16	9.0
0.375	0.093	0.562	24	24.0
0.437	0.093	0.625	21	17.0
0.437	0.125	0.687	28	29.9
0.500	0.093	0.687	18	12.0
0.500	0.125	0.750	24	23.0

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 and vacuum ratings 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.