



CX85-PVC

Chemical Resistant PVC Tubing



Product Description

Grayline CX85-PVC is made from a flexible PVC compound with enhanced resistance to chemicals such as bleach, battery acid, and detergents. The compound is designed to grip tightly over fittings and resist kinking. Antifungal additives and hydrolysis resistant stabilizers make this material ideal for moist environments.

*Standard Packaging: Reels or Cut to Customer Specifications.
Standard Color: Black or Clear
Other Colors & Custom Sizes Available Upon Request*

Specifications

- EU Directive 2000/53/EC (ELV)
- EU Directive 2011/65/EU (RoHS2)
- EU Directive 2015/863 (RoHS3)

Features

- Operating Temperature is -35° to 80°C
- Antifungal in black as standard
- Antifungal available in clear upon request
- Lead Free
- Chemical Resistance
- Kink Resistance

PROPERTY	TYPICAL VALUE	TEST METHOD
Durometer Hardness, Shore A (15 Seconds)	84	ASTM D2240
Tensile Strength (psi)	2,600	ASTM D412
Elongation (%)	330	ASTM D412
Specific Gravity	1.23	ASTM D792

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	115	29.9
0.093	0.031	0.156	79	29.9
0.125	0.031	0.187	61	29.9
0.125	0.062	0.250	115	29.9
0.156	0.031	0.218	49	29.9
0.156	0.062	0.281	94	29.9
0.187	0.031	0.250	41	26.0
0.187	0.062	0.312	80	29.9
0.250	0.062	0.375	61	29.9
0.250	0.093	0.437	89	29.9
0.375	0.062	0.500	41	26.0
0.375	0.093	0.562	61	29.9
0.437	0.093	0.625	52	29.9
0.437	0.125	0.687	69	29.9
0.500	0.093	0.687	46	29.9
0.500	0.125	0.750	61	29.9
0.625	0.093	0.812	38	20.0
0.625	0.125	0.875	49	29.9
0.750	0.125	1.000	41	26.0

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.