



FB68-PVC

Food and Beverage Grade PVC Tubing

Product Description

Grayline 65-NT is a flexible vinyl tubing suitable for use in water, food, and beverage applications. It is formulated using ingredients that impart minimal odor and taste transfer. The U.S. Food and Drug Administration sanctions all ingredients in this product for use in food contact applications. It has a mirror-smooth surface that provides outstanding flow characteristics.

Standard Packaging: Coils

Standard Color: Clear

Custom Services: Cut Length, Size, Heat Bonding, Heat-Form

Specifications

- NSF-51 (Material Only)
- FDA Title 21 (Material Only)
- 3A Sanitary Standard (Material Only)
- USP Class VI (Material Only)
- EU Directive 2000/53/EC (ELV)
- EU Directive 2011/65/EU (RoHS2)

Features

- Operating Temperature is -40°C to 80°C
- Minimal Odor and Taste Transfer
- Low Temperature Flexibility
- Lead Free
- Non-Toxic
- Chemical Resistant

PROPERTY	TYPICAL VALUE	TEST METHOD
Durometer Hardness, Shore A	68	ASTM D2240
Tensile Strength (psi)	1,900	ASTM D412
Elongation (%)	400	ASTM D412
Brittleness Temperature ($^{\circ}\text{C}$)	-40	ASTM D412

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GRAYLINE
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I.D. (Inches)	O.D. (Inches)	Wall (Inches)	Standard Coil Length (FT)	Max. Working Pressure at 70°F (PSI)	Burst Pressure at 70°F (PSI)	Weight (LBS/100FT)
1/16	1/8	1/32	500	33	132	0.51
3/32	5/32	1/32	500	42	168	0.68
1/8	3/16	1/32	500	44	176	0.85
1/8	1/4	1/16	100, 500	68	272	2.1
3/16	1/4	1/32	100	33	132	1.2
3/16	5/16	1/16	100, 500	55	220	2.7
3/16	3/8	3/32	100	70	280	4.6
1/4	3/8	1/16	50, 100, 500	55	220	3.4
1/4	7/16	3/32	100	60	240	5.7
1/4	1/2	1/8	100	70	280	8.3
5/16	9/16	1/16	100, 500	50	200	4.2
5/16	1/2	3/32	100	60	240	6.8
5/16	9/16	1/8	100	70	280	9.7
3/8	1/2	1/16	100, 500	40	160	4.8
3/8	9/16	3/32	100	50	200	7.8
3/8	5/8	1/8	100	65	260	11.1
3/8	3/4	3/16	100	66	264	18.7
7/16	11/16	1/8	100	50	200	12.5
1/2	5/8	1/16	100, 500	30	120	6.2
1/2	11/16	3/32	100	40	160	9.9
1/2	3/4	1/8	50, 100	45	180	13.9
9/16	3/4	3/32	100	40	160	11.0
5/8	3/4	1/16	100	20	80	7.6
5/8	13/16	3/32	100	35	140	12.0
5/8	7/8	1/8	50, 100	40	160	16.6
5/8	15/16	5/32	100	50	200	21.7
3/4	7/8	1/16	100	19	76	9.0
3/4	1	1/8	50, 100	35	140	19.4
3/4	1-1/16	5/32	100	40	160	25.1
3/4	1-1/8	3/16	100	44	176	31.2
3/4	1-1/4	1/4	100	44	176	44.3
7/8	1-1/8	1/8	100	30	120	22.1
1	1-1/4	1/8	50, 100	28	112	25.0
1	1-3/8	3/16	100	45	180	39.4
1	1-1/2	1/4	100	50	200	55.0
1-1/4	1-7/16	3/32	50	30	120	22.5
1-1/4	1-1/2	1/8	100	22	88	30.5
1-1/4	1-5/8	3/16	50, 100	31	124	47.8
1-1/4	1-3/4	1/4	50	45	180	66.5
1-1/2	1-3/4	1/8	50, 100	19	76	36.0
1-1/2	1-7/8	3/16	50, 100	26	104	56.1
1-1/2	2	1/4	50	40	160	77.5
1-3/4	2	1/8	50	16	64	41.5
1-3/4	2-1/4	1/4	50	29	116	80.0
2	2-1/4	1/8	50	14	56	47.1
2	2-1/2	1/4	50	35	140	99.7
2-1/4	2-3/4	1/4	50	24	96	111
2-1/2	3	1/4	50	22	88	122
3	3-1/2	1/4	50	19	76	144
4	4-3/4	3/8	50	21	84	300

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