

PVC

POLYVINYL CHLORIDE



Non-Phthalate Flexible Tubing

Freelin-Wade's flexible PVC uses a non-DEHP, non-phthalate plasticizer. We pioneered the use of this bio-based and socially conscious material in the plastic tubing industry years ago.

Freelin-Wade's PVC has a smooth interior and exterior which prevents sediment accumulation, making it well-suited for the food & beverage, medical and pharmaceutical industries.



Features & Benefits

- Crystal clear for easy visualization of fluid flow.
- Non-standard colors also available.
- Custom sizes available from .090" to 3/4" OD.
- REACH, RoHS, Cal Prop 65 compliant.
- Materials certificates available showing full traceability.
- Gamma & EtO sterilizable.
- Chemical resistant.
- Manufactured in an ISO-compliant facility in the USA.
- Non-oxidizing and non-contaminating
- Smooth, polished inner wall.
- Easily slips over barbed fittings and grips securely.
- Contains no phthalates, latex or BPA.
- Economical alternative to over-engineered solutions.
- Agency compliances: FDA for Food Contact, meets USPVI testing requirements.
- Compatible with most oils, fuels, gases, and low-grade acids. Call for application-specific compatibility.

65A

Specifications

- Hardness - 65 Shore A**
15 Sec. Delay +/-3
ASTM D-2240
- Temperature Range**
-30°F to +150°F
- Specific Gravity - 1.22**
+/-0.02
ASTM D-792
- Tensile Strength - 1900 psi**
ASTM D-638
- Elongation - 415%**
ASTM D-638
- Suggested Fitting**
Barb

70A

Specifications

- Hardness - 70 Shore A**
15 Sec. Delay +/-3
ASTM D-2240
- Temperature Range**
-30°F to +150°F
- Specific Gravity - 1.23**
+/-0.02
ASTM D-792
- Tensile Strength - 2250 psi**
ASTM D-638
- Ultimate Elongation - 425%**
ASTM D-638
- Suggested Fitting**
Barb

80A

Specifications

- Hardness - 80 Shore A**
15 Sec. Delay +/-3
ASTM D-2240
- Temperature Range**
-30°F to +150°F
- Specific Gravity - 1.22**
+/-0.02
ASTM D-792
- Tensile Strength - 2750 psi**
ASTM D-638
- Ultimate Elongation - 350%**
ASTM D-638
- Suggested Fitting**
Barb

This information has been gathered from standard reference materials and/or test data that are believed to be accurate and reliable. Nothing herein shall be deemed to be a warranty or representation, express or implied, with respect to the use of such information or the use of the goods described for any particular purpose alone or in combination with other goods and/or processes. It is offered solely for your consideration, investigation and verification.

Typical Applications

- Non-invasive Medical
- Dental
- Veterinarian
- General Laboratory
- Food & Beverage
- Biopharmaceutical
- Aerospace
- Ink Printers

Request a quote:




eservice@freelin-wade.com

Free samples of stock tubing are available through our website.

Additional custom sizes are also available for 65 Shore A , 70 Shore A and 80 Shore A PVC. To find out pricing and lead times, please contact our customer service team today. We will do everything we can to say **YES** to your specific tubing needs.

Custom sizes and colors are available








65A Non-Phthalate Polyvinyl Chloride: PVC

Part Number & Color Code	Packaging Unit Size	OD	ID	Wall	Standard Color	Working Pressure		lbs./100'	Bend Radius	Fitting
						75°F/25°C	150°F/65°C			
1J-721-10	100' Bag	1/8"	1/16"	.031"		85 PSI	10 PSI	.51	1/4"	B
1A-721-10	2500' Reel									
1J-722-10	100' Bag	1/4"	1/8"	.062"		70 PSI	10 PSI	2	3/8"	B
1A-722-10	1000' Reel									
1J-723-10	100' Bag	5/16"	3/16"	.062"		50 PSI	5 PSI	2.6	5/8"	B
1A-723-10	500' Reel									

Variations Available:

Colors • Cutting • Bonding • Printing • Packaging • Sizes

80A Non-Phthalate Polyvinyl Chloride: PVC


Part Number & Color Code	Packaging Unit Size	OD	ID	Wall	Standard Color	Working Pressure		lbs./100'	Bend Radius	Fitting
						75°F/25°C	150°F/65°C			
1J-700-10	100' Bag	1/8"	1/16"	.031"		145 PSI	20 PSI	.51	3/8"	B
1A-700-10	2500' Reel									
1J-701-10	100' Bag	1/4"	1/8"	.062"		165 PSI	25 PSI	2	1/2"	B
1A-701-10	1000' Reel									
1J-702-10	100' Bag	1/4"	0.17"	0.04		95 PSI	10 PSI	1.75	1"	B
1A-702-10	1000' Reel									
1J-703-10	100' Bag	5/16"	3/16"	.062"		110 PSI	15 PSI	2.6	5/8"	B
1A-703-10	500' Reel									
1J-704-10	100' Bag	3/8"	1/4"	.062"		91 PSI	15 PSI	3.25	7/8"	B
1A-704-10	500' Reel									
1J-705-10	100' Bag	1/2"	3/8"	.062"		57 PSI	10 PSI	4.55	1-3/4"	B
1A-705-10	200' Reel									
1A-706-10	100' Reel	3/4"	1/2"	.125"		63 PSI	15 PSI	13.01	1-1/4"	B

Variations Available:

Colors • Cutting • Bonding • Printing • Packaging • Sizes

Free samples of stock tubing are available through our website.

Flexible PVC Colors

Standard tubing color is available in  clear. Our Non-Reinforced PVC tubing products are also available in these colors. Please allow three weeks to fulfill your order.

