

Worry-Free Tubing

LIMBER SUPPLE LITHE

Liquiflex-POE™ — This tube will bend over backwards for you!

Freelin-Wade's new tube might seem familiar. After all, it's chemical resistant like polyethylene and flexible like polyurethane. What will surprise you is that you get both qualities in the same tube.

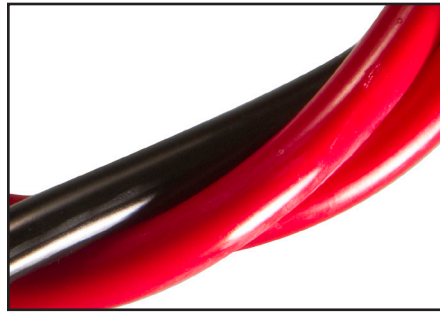
The new tubing is Liquiflex-POE™. The tubing is made from a Polyolefin Elastomer (POE) resin. It comes from the same family of polymers as polyethylene and polypropylene. Like these other olefins, it resists solvents and is chemically inert. Unlike those resins though, it's an elastomer so you know that it's highly elastic. If you bend it, kink it or crush it, Liquiflex-POE will spring back to its original shape.

Polyethylene's durability and low cost have made it a popular choice for many tubing applications. Freelin-Wade's Linear Low Density Polyethylene (LLDPE) flexes but that's nothing like what our new Liquiflex can do. Variation options for Liquiflex includes coiling (it makes an excellent coil) and may be bonded to form multi-tube bundles.

Liquiflex is ideal for low-pressure applications, particularly in room-temperature environments. You'll love it for fluid handling, in applications where you need flexibility and FDA compliance.



www.freelin-wade.com • 888-373-9233 • 503-434-5561



Why you will love this tube:

- Highly flexible. Bend it and it will spring back to its original shape
- Resists most chemicals — similar to polyethylene
- Handles low-pressure fluid very well
- Low out-gas meaning the resin won't flavor or contaminate the media
- Makes an excellent coil
- May be bonded into multi-tube bundles
- Lightweight
- Durable
- Easy to install
- Comes in four standard colors but can be made to match any color you need
- Made in U.S.A.

With Freelin-Wade, you will enjoy our expert customer service, rapid turnarounds and on-time delivery. Another advantage is that at Freelin-Wade, variations are easy! You have options that others don't offer such as coiling, cutting to length and jacketing.

Suggested Applications

- Water purification systems
- Laboratory applications
- Pharmaceutical
- Food processing
- Medical devices
- Toys

Specifications

Temperature Range:	-40°F to +150°F	-40°C to +65°C
Vacuum Rating:	To 28" Hg.	
Diameter Tolerances:	±.005"	
Hardness:	92A	
Tube Markings:	Freelin-Wade Specifications	
Working Pressure:	3:1 Safety Factor	
Base Resin Compliance:	FDA Food Contact	
Recommended Fittings:	Barb, Push-In & Compression	

Liquiflex-POE™

Part Number & Color Code	Packaging Unit Size	OD	ID	Wall	Standard Colors	Working Pressure		lbs./100'	Bend Radius	Fitting
						75°F/25°C	150°F/65°C			
1J-961- ___	100' Bag				01 05 07 10	125 PSI	75 PSI	1.52	.75"	B, Pl, C
1C-961- ___	500' Reel	1/4"	1/8"	.062"	01 05 07 10					
1A-961- ___	1000' Reel									
1J-962- ___	100' Bag				01 05 07 10	80 PSI	20 PSI	1.08	1.37"	B, Pl, C
1C-962- ___	500' Reel	1/4"	.170"	.040"	01 05 07 10					
1A-962- ___	1000' Reel									
1J-963- ___	100' Bag				01 05 07 10	75 PSI	35 PSI	2.56	1.5"	B, Pl, C
1A-963- ___	500' Reel	3/8"	.245"	.062"	01 05 07 10					
1J-964- ___	50' Bag				01 05 07 10	60 PSI	25 PSI	3.52	2.75"	B, Pl, C
1A-964- ___	250' Reel	1/2"	3/8"	.062"	01 05 07 10					

Variations Available:

Coiling • Colors • Cutting • Bonding • Printing
Packaging • Sizes

