



Nylon 11 Tubing

Nylon tubing (also referred to as polyamide) can withstand higher temperatures and pressures, making it an ideal choice for a wide variety of applications. When compared to other Nylon resins, Freelin-Wade's tubing allows for a lighter weight wall, greater flexibility and smaller bend radius. It is also more durable than other types of Nylon tubing because of its ability to absorb less moisture.

Tube O.D.	Tube I.D.	Size	Part Number	Standard Colors
1/8"	.093"	100' Bag	1J-200-____	01 05 06 07 08 10
		500' Reel	1C-200-____	
		1000' Reel	1B-200-____	
		2500' Reel	1A-200-____	
5/32"	.106"	100' Bag	1J-201-____	01 03 05 06 08 09 10 12
		500' Reel	1C-201-____	
		1000' Reel	1B-201-____	
		2500' Reel	1A-201-____	
1/4"	.170"	100' Bag	1J-203-____	01 03 05 06 07 08 09 10
		500' Reel	1B-203-____	
		1000' Reel	1A-203-____	
3/8"	.275"	100' Bag	1J-206-____	01 05 06 07 08 09 10
		500' Reel	1A-206-____	
1/2"	.375"	100' Bag	1J-207-____	01 05 06 07 08 10
		250' Reel	1A-207-____	
		500' Reel	1AA-207-____	

- Strong, lightweight & flexible
- Dimensionally stable
- Heat and UV light stabilized
- Resistant to corrosion and stress-cracking
- Chemical resistant



Linear Low Density Polyethylene Tubing – LLDPE

LLDPE's greatest advantage over low density polyethylene is its superior environmental stress crack resistance (ESCR). Environmental stresses that can shorten the service life of tubing include: chemical exposure, aging, connection to barb-type fittings, or high vibration connections with compression fittings. All colors comply with FDA regulation 21 CFR 177.1520(c) for food contact application

Tube O.D.	Tube I.D.	Size	Part Number	Standard Colors
1/8"	.062"	100' Bag	1J-109-____	01 04 05 06 07 08 09 10
		250' Box	1L-109-____	
		500' Reel	1C-109-____	
		1000' Reel	1B-109-____	
		2500' Reel	1A-109-____	
5/32"	.106"	100' Bag	1J-189-____	01 05 06 07 08 10
		250' Box	1L-189-____	
		500' Reel	1C-189-____	
		1000' Reel	1B-189-____	
		2500' Reel	1A-189-____	
1/4"	.170"	100' Bag	1J-048-____	01 04 05 06 07 08 09 10 12
		500' Reel	1B-048-____	
		1000' Reel	1A-048-____	
3/8"	.250"	100' Bag	1J-074-____	01 04 05 06 07 08 09 10
		500' Reel	1A-074-____	
1/2"	.375"	100' Bag	1J-076-____	01 05 06 07 08 09 10
		250' Reel	1A-076-____	
		500' Reel	1AA-076-____	

- Greater tensile strength
- Puncture resistance
- High burst pressure
- Impermeable to gasses and moisture
- Superior stress and crack resistance
- Superior dielectric properties
- Tasteless and odorless
- Lightweight



95 Durometer Fre-Thane® Polyurethane Tubing

Freelin-Wade began manufacturing polyurethane and urethane tubing in 1980 and it remains our core product to this day. It is available in 28 in-stock colors and a virtually infinite number of color variations. Fre-Thane is Freelin-Wade's most versatile product, with more options and variations available than with any other tubing.

Tube O.D.	Tube I.D.	Size	Part Number	Standard Colors
1/8"	.066"	50' Bag	1J-157-____	
		100' Bag	1J-157-____	
		500' Reel	1C-157-____	
		1000' Reel	1B-157-____	
		2500' Reel	1A-157-____	
5/32"	3/32"	100' Bag	1J-156-____	
		500' Reel	1C-156-____	
		1000' Reel	1B-156-____	
		2500' Reel	1A-156-____	
1/4"	1/8"	100' Bag	1J-169-____	
		500' Reel	1B-169-____	
		1000' Reel	1A-169-____	
3/8"	.245"	100' Bag	1J-152-____	
		250' Reel	1B-152-____	
		500' Reel	1A-152-____	
1/2"	.320"	50' Bag	1J-166-____	
		250' Reel	1A-166-____	

- Extremely flexible with excellent memory
- Kink and abrasion resistant
- Low gas permeability, extractables and compression set
- Resistant to chemicals, water, fuel, oil and fungus
- Comes in a wide variety of colors - both transparent and opaque



Polyurethane Tubing for Barbed Fittings

PolyConn's polyurethane tubing is ideal for use with barbed fittings. The tubing offers a rubber-like feel, excellent memory, and no plasticizers to leach or migrate. A large range of sizes, colors, configurations and packaging options are available.

Tube O.D.	Tube I.D.	Size	Part Number	Standard Colors
1/8"	.066"	50' Bag	PCU-125BR-____-50	
		250' Box	PCU-125BR-____-SR	
		500' Reel	PCU-125BR-____-R	
		1000' Reel	PCU-125BR-____-LR	
		2500' Reel	PCU-125BR-____-XR	
				85A Durometer Use with 1/16" fittings.
1/4"	1/8"	50' Bag	PCU-250BR-____-50	
		100' Bag	PCU-250BR-____	
		500' Reel	PCU-250BR-____-R	
		1000' Reel	PCU-250BR-____-LR	
				85A Durometer Use with 1/4" fittings.
1/4"	.159"	100' Bag	PCU-250PB-____-50	
		500' Reel	PCU-250PB-____-R	
		1000' Reel	PCU-250PB-____-LR	
				90A Durometer Use with .070" fittings.

- Naturally clear tubing with a broad resistance to chemicals, water, fuel, oil and fungus
- Polyurethane has a tensile strength twice that of vinyl tubing and is suitable for air applications.
- Highly flexible, kink resistant

Additional sizes/colors available



FPE Automation, Inc.
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FPE Automation offers tubing in all sizes and materials. Contact us if you don't find what you need here. Information/availability subject to change.