

For Tubing Shore Hardness Definition, see page 2498.

General Purpose Nylon Tubing

Resists chemicals, moisture, impact, abrasions, and requires little maintenance. Commonly used to transfer air, water, chemicals, fuels, and oils in industrial applications.

Standard—Offers high-tensile strength to help enhance coupling retention in environments with high pressure, temperature, and vibration.

High-Strength—Features increased tensile strength and coupling retention in high pressure and vibration environments. Also resists elevated ambient temperatures while handling pneumatics and oils, lubrication systems, and process lines for chemicals.



Inside Dia.	Outside Diameter	Wall Thick.	Flexibility	Max. Oper. Press. (psi)	Max. Operating Temp.	Color	Bend Radius	Maximum Vacuum Pressure	Clarity	50 ft Item No.	100 ft Item No.	250 ft Item No.
Standard Nylon Tubing												
Rockwell R 78, Shore D 70												
3/16 in	1/4 in	0.03 in	Flexible	250 @ 75°F	200 °F	Beige	1 1/4 in	28 in Hg	Semi-Clear	—	4HM08	—
		0.035 in	Flexible	290 @ 75°F	200 °F	Black	1 1/4 in	28 in Hg	Opaque	—	1PCC9	—
1/4 in	5/8 in	0.05 in	Flexible	250 @ 75°F	200 °F	Beige	2 in	28 in Hg	Semi-Clear	—	4HM10	—
Shore D 60												
		0.03 in	Semi-Flexible	400 @ 68°F	200 °F	Beige	—	28 in Hg	Semi-Clear	2VDL8	2VDN6	2VDR2
		0.03 in	Semi-Flexible	400 @ 68°F	200 °F	Black	—	28 in Hg	Opaque	2VDL1	2VDP4	2VDR9
3/16 in	1/4 in	0.03 in	Semi-Flexible	400 @ 68°F	200 °F	Blue	—	28 in Hg	Opaque	—	—	4HHC7
		1 mm	Semi-Flexible	400 @ 68°F	200 °F	Blue	—	28 in Hg	Opaque	—	2VDW3	—
		0.047 in	Semi-Flexible	333 @ 68°F	200 °F	Black	—	28 in Hg	Opaque	—	2VDP6	—
		0.05 in	Semi-Flexible	333 @ 68°F	200 °F	Beige	—	28 in Hg	Semi-Clear	2VDN1	2VDN8	—
1/2 in	3/4 in	0.05 in	Semi-Flexible	333 @ 68°F	200 °F	Blue	—	28 in Hg	Opaque	—	—	4HHE5
		0.5 in	Semi-Flexible	333 @ 68°F	200 °F	Beige	—	28 in Hg	Semi-Clear	—	—	2VDR4
		0.5 in	Semi-Flexible	333 @ 68°F	200 °F	Blue	—	28 in Hg	Opaque	—	2VDW5	—
3/8 in	1/2 in	0.06 in	Semi-Flexible	267 @ 68°F	200 °F	Beige	—	28 in Hg	Semi-Clear	2VDN2	2VDN9	2VDR5
		0.06 in	Semi-Flexible	267 @ 68°F	200 °F	Black	—	28 in Hg	Opaque	2VDL4	2VDP7	2VDT3
		0.03 in	Semi-Flexible	400 @ 68°F	200 °F	Beige	—	28 in Hg	Semi-Clear	—	2VDZ4	—
4 mm	6 mm	0.03 in	Semi-Flexible	400 @ 68°F	200 °F	Black	—	28 in Hg	Opaque	—	2VDY8	—
		1 mm	Semi-Flexible	400 @ 68°F	200 °F	Blue	—	28 in Hg	Opaque	—	4HHF4	—
8 mm	10 mm	0.03 in	Semi-Flexible	200 @ 68°F	200 °F	Beige	—	28 in Hg	Semi-Clear	—	2VDZ6	—
High-Strength Nylon Tubing												
Shore D 72												
3/16 in	1/4 in	0.035 in	Semi-Flexible	425 @ 73°F	200 °F	Beige	1 in	28 in Hg	Semi-Clear	2VKT9	—	2VKT8
		0.035 in	Semi-Flexible	425 @ 73°F	200 °F	Black	1 in	28 in Hg	Opaque	—	—	2VKR5
1/2 in	3/4 in	0.048 in	Semi-Flexible	425 @ 73°F	200 °F	Beige	1 3/4 in	28 in Hg	Semi-Clear	—	—	2VKU3
3/8 in	1/2 in	0.062 in	Semi-Flexible	375 @ 73°F	200 °F	Beige	2 3/8 in	28 in Hg	Semi-Clear	2VKU6	—	2VKU5

Outside Diameter	Wall Thick.	Material	Color	L	Max. Oper. Press. (psi)	Bend Radius	Brand	Item No.
Air Brake Nylon Tubing								
Type A, Not Reinforced								
1/4 in	0.04 in	Nylon	Black	100 ft	150 psi	1 in	Parker	6UTH5
		Nylon	Black	250 ft	150 psi	1 in	Parker	6YAC0
		Nylon	Green	250 ft	150 psi	1 in	Parker	6YAC5
		Nylon	Black	1,000 ft	150 psi	1 in	Parker	6YAA9
		Solstice	Black	100 ft	300 psi	—	Synflex	35Z897
		Solstice	Black	1,000 ft	300 psi	—	Synflex	35Z896
Type B, Polyester Braid								
3/8 in	0.06 in	Polyamide/Polyester	Black	100 ft	350 psi	—	Synflex	2ZJW4
		Polyamide/Polyester	Black	500 ft	350 psi	—	Synflex	2ZKC6
	0.062 in	Nylon	Black	100 ft	150 psi	1 1/4 in	Parker	6YAD5
		Nylon	Black	250 ft	150 psi	1 1/4 in	Parker	6YAD7
		Nylon	Blue	250 ft	150 psi	1 1/4 in	Parker	6YAD9
		Nylon	Red	250 ft	150 psi	1 1/4 in	Parker	6YAE6
1/2 in	0.06 in	Polyamide/Polyester	Black	100 ft	235 psi	—	Synflex	2ZJX7
		Nylon	Black	100 ft	150 psi	2 in	Parker	6YAF2
		Nylon	Black	500 ft	150 psi	2 in	Parker	6YAF3
Coiled Air Brake Assemblies								
Emergency and Service	1/2 in	15 ft	Blue, Red	Brass 1/2 in NPTF x Brass 1/2 in NPTF	0.5 in	5 1/2 in	Velvac	35NL13
Emergency	1/2 in	15 ft	Red	Brass 1/2 in MaleNPTF x Brass 1/2 in MaleNPTF	0.5 in	5 1/2 in	Velvac	35NL19



Air Brake Nylon Tubing & Coiled Assemblies

■ Max. operating temp.: 200 °F

Nylon tubing for air brakes connect to rigid lines in brake systems to allow movement and absorb vibration in brake lines. Abrasion-resistant, it withstands exposure to gasoline, diesel fuel, oils, and common road cleaning chemicals.

Air Brake Nylon Tubing—Provides kink resistance for less down time due to failure. Nylon also provides UV stability and abrasion resistance for added protection.

Coiled Air Brake Assemblies—Reinforced polyester braid, these individual tubes or sets of multiple tubes with fittings connect the tractor's air brake system to the trailer. Tubing stretches and contracts during truck turns.

Inside Dia.	Outside Diameter	Wall Thick.	Max. Oper. Press. (psi)	Max. Operating Temp.	Color	Bend Radius	Brand	Item No.
100 ft								
Shore: Rockwell R 60								
1/8 in	1/4 in	0.0625 in	272	220 °F	Clear	2 1/2 in	—	4VXX1
3/16 in	1/4 in	0.04 in	149	220 °F	Clear	2 1/2 in	—	4VXX2
1/4 in	3/8 in	0.0625 in	157	220 °F	Clear	3 3/4 in	—	4VXX4
1/2 in	3/4 in	0.0625 in	87	220 °F	Clear	6 1/4 in	—	4VXX6
3/4 in	1 in	0.125 in	110	220 °F	Clear	10 in	—	4VXX8
250 ft								
Shore: Rockwell R 77								
3/8 in	1/2 in	0.062 in	225 @ 200°F	200 °F	Black, Opaque	2 1/2 in	Parker	797DM6
3/8 in	1/2 in	0.062 in	225 @ 200°F	200 °F	White, Opaque	2 1/2 in	Parker	797DM2
500 ft								
Shore: Rockwell R 77								
3/2 in	1/4 in	0.04 in	300 @ 200°F	200 °F	Black, Opaque	1 in	Parker	797DM4
1/4 in	3/8 in	1.6 mm	300 @ 200°F	200 °F	White, Opaque	1 1/4 in	Parker	797DM1



Crack-Resistant Polypropylene Tubing for Food & Beverage

Tubing is flexible making it ideal for transferring hot liquids and gases in food and beverage handling applications, including beverage lines, dispensing equipment, and potable water systems. Tasteless, nontoxic, and resists most acids and alkalis, high temperatures, and high pressures without cracking.

