



Ultra Soft (Less than Shore A60) **Soft (Shore A60-84)** **Firm (Shore A85-95)** **Hard (Shore A96+ D45+ or R50+)**

Tubing Shore Hardness Definition

Also known as durometer, shore hardness measures the elasticity of a material created by force: a lower durometer rating indicates a flexible and soft rubber, while a higher durometer rating indicates a harder rubber. Softer rubbers are measured on the A scale, and harder rubbers are measured on the D scale or Rockwell R scale.



Soft & Flexible



Ultrasoft & Highly Flexible



High-Pressure Yarn-Reinforced



High-Pressure Kink-Resistant Reinforced



Kink-Resistant Wire-Reinforced



Food & Beverage PVC Tubing

■ **Clarity:** Clear, except 22XJ09 is semi-clear
Flexible plastic with a broad range of physical properties necessary for use with potable water, foods, and beverages including products with high fat content. PVC has strong flow characteristics, plus resistance to chemicals, corrosion, abrasion, and wear. Tubing meets strict requirements to be considered safe for use in food and beverage processing.

Tradename Material	Inside Dia.	Outside Diameter	Wall Thick.	Max. Oper. Press. (psi)	Overall Length	Bend Radius	Brand	Item No.
Soft & Flexible PVC Tubing								
Beverage, Hardness: Shore A 66, Max. Temp.: 165 °F								
Tygon-S3-B-44-3	1/8 in	3/16 in	0.03 in	34 @ 73°F	50 ft	1/2 in	Tygon	2LPR9
	1/8 in	1/4 in	0.06 in	60 @ 73°F	50 ft	3/8 in	Tygon	2LPT1
	1/4 in	3/8 in	0.06 in	34 @ 73°F	50 ft	1 in	Tygon	2LPT9
	1/4 in	1/2 in	0.13 in	60 @ 73°F	50 ft	3/8 in	Tygon	2LPU2
	3/8 in	1/2 in	0.06 in	25 @ 73°F	50 ft	1 3/4 in	Tygon	2LPU6
	3/8 in	9/16 in	0.09 in	34 @ 73°F	50 ft	1 3/8 in	Tygon	2LPU7
	3/8 in	3/8 in	0.13 in	44 @ 73°F	50 ft	1 1/8 in	Tygon	2LPU8
	1/2 in	3/8 in	0.06 in	19 @ 73°F	50 ft	2 1/2 in	Tygon	2LPV1
	1/2 in	3/4 in	0.13 in	34 @ 73°F	50 ft	1 3/4 in	Tygon	2LPV3
	3/4 in	1 in	0.13 in	25 @ 73°F	50 ft	3 1/4 in	Tygon	2LPV6
7/8 in	1 1/8 in	0.13 in	22 @ 73°F	50 ft	4 1/8 in	Tygon	2LPV7	
1 in	1 1/4 in	0.13 in	20 @ 73°F	50 ft	5 1/8 in	Tygon	2LPV8	
Dairy, Food, and Beverage, Hardness: Shore A 66, Max. Temp.: 165 °F								
Tygon-S3-B-44-4X	1/8 in	1/4 in	0.06 in	60 @ 73°F	50 ft	3/8 in	Tygon	2LPX5
	1/4 in	3/8 in	0.06 in	34 @ 73°F	50 ft	1 in	Tygon	2LPY1
	1/2 in	3/8 in	0.06 in	19 @ 73°F	50 ft	2 1/8 in	Tygon	2LPZ1
Klearon	1/2 in	3/4 in	0.13 in	34 @ 73°F	50 ft	1 3/4 in	Tygon	2LPZ3
	3/8 in	7/8 in	0.13 in	29 @ 73°F	50 ft	2 3/8 in	Tygon	2LPZ6
	3/4 in	1 in	0.13 in	25 @ 73°F	50 ft	3 1/4 in	Tygon	2LPZ8
	3/4 in	1 1/8 in	0.16 in	30 @ 73°F	50 ft	2 3/4 in	Tygon	2LPZ9
	1/4 in	1/2 in	0.13 in	60 @ 70°F	100 ft	2 1/2 in	Kuriyama	4EGU8
	3/8 in	1/2 in	0.09 in	35 @ 70°F	100 ft	6 in	Kuriyama	4EGV7
Klearon	1 1/4 in	1 1/2 in	0.13 in	20 @ 70°F	50 ft	5 in	Kuriyama	2LZD4
	1 1/4 in	1 1/2 in	0.13 in	20 @ 70°F	100 ft	1/2 in	Kuriyama	1PBK5
	1 1/4 in	1 3/8 in	0.19 in	30 @ 70°F	50 ft	1 3/4 in	Kuriyama	4EGW6
	1 1/2 in	1 3/8 in	0.19 in	30 @ 70°F	50 ft	6 in	Kuriyama	2LZD5
	1 1/2 in	1 3/8 in	0.19 in	30 @ 70°F	50 ft	6 in	Kuriyama	2LZD5

Tradename Material	Inside Dia.	Outside Diameter	Wall Thick.	Max. Oper. Press. (psi)	Overall Length	Bend Radius	Brand	Item No.
Ultrasoft & Highly Flexible PVC Tubing								
Food and Beverage, Hardness: Shore A 56, Max. Temp.: 165 °F								
Tygon-S3-E-3603	1/8 in	1/4 in	0.03 in	20 @ 73°F	50 ft	1/2 in	Tygon	8AT33
	1/8 in	1/4 in	0.06 in	36 @ 73°F	50 ft	3/8 in	Tygon	8PFM1
	1/8 in	1/4 in	0.06 in	36 @ 73°F	100 ft	3/8 in	Tygon	22XH34
	1/4 in	3/8 in	0.06 in	20 @ 73°F	10 ft	1 in	Tygon	22XH75
	1/4 in	3/8 in	0.06 in	20 @ 73°F	50 ft	1 in	Tygon	8TTJ2
	1/4 in	3/8 in	0.06 in	20 @ 73°F	100 ft	1 in	Tygon	22XH40
	1/4 in	7/16 in	0.09 in	28 @ 73°F	50 ft	3/4 in	Tygon	8VRK4
	3/8 in	9/16 in	0.09 in	20 @ 73°F	50 ft	1 3/8 in	Tygon	9CDBW9
	1/2 in	5/8 in	0.06 in	12 @ 73°F	50 ft	2 1/8 in	Norwell	8VN94
	1/2 in	3/4 in	0.13 in	20 @ 73°F	50 ft	1 1/2 in	Tygon	8AK38
	5/8 in	1 1/8 in	0.09 in	13 @ 73°F	50 ft	3 in	Tygon	8URJ5
	5/8 in	7/8 in	0.13 in	17 @ 73°F	50 ft	2 3/8 in	Tygon	8AZC3
	3/4 in	1 in	0.13 in	15 @ 73°F	10 ft	3 1/4 in	Tygon	22XH79
	3/4 in	1 1/8 in	0.16 in	17 @ 73°F	50 ft	2 3/4 in	Tygon	22XH51
	3/4 in	1 1/8 in	0.19 in	20 @ 73°F	50 ft	2 3/8 in	Tygon	22XH52
7/8 in	1 1/8 in	0.13 in	13 @ 73°F	50 ft	4 1/8 in	Tygon	22XH54	
1 in	1 1/4 in	0.13 in	12 @ 73°F	10 ft	4 3/4 in	Tygon	22XH80	
1 1/4 in	1 1/2 in	0.13 in	10 @ 73°F	50 ft	7 1/8 in	Tygon	22XH59	
Tygon-S3-E-LFL	1/2 in	3/4 in	0.13 in	20 @ 73°F	25 ft	1 1/2 in	Tygon	22XJ09
High-Pressure Yarn-Reinforced Soft PVC Tubing								
Food and Beverage, Hardness: Shore A 65, Max. Temp.: 140 °F								
Tygon-S3-E-LFL	3/8 in	1/2 in	0.125 in	100 psi	100 ft	3/8 in	---	742T21
	1/2 in	3/4 in	0.125 in	130 psi	100 ft	3/8 in	---	742T23
	3/4 in	1 in	0.125 in	100 psi	100 ft	1 in	---	742T24
	1 in	1 1/4 in	0.125 in	80 psi	50 ft	1 1/4 in	---	742T31
	1 in	1 1/4 in	0.125 in	80 psi	100 ft	1 1/4 in	---	742T25
	1 in	1 1/4 in	0.125 in	80 psi	100 ft	1 1/4 in	---	742T25
Food and Beverage, Hardness: Shore A 73, Max. Temp.: 150 °F								
Clearbraided	1/4 in	1/2 in	0.09 in	250 @ 70°F	100 ft	1 1/2 in	Kuriyama	4HM03
	5/16 in	1/2 in	0.09 in	250 @ 70°F	100 ft	3/4 in	Kuriyama	1PBK7
	3/8 in	1/2 in	0.09 in	225 @ 70°F	100 ft	2 in	Kuriyama	4HM04
	1/2 in	3/4 in	0.13 in	200 @ 70°F	100 ft	2 1/2 in	Kuriyama	4HM05
	3/8 in	7/8 in	0.13 in	200 @ 70°F	100 ft	1 1/4 in	Kuriyama	1PBK8
	3/4 in	1 1/2 in	0.13 in	150 @ 70°F	100 ft	3 in	Kuriyama	4HM06
	1 in	1 3/4 in	0.13 in	125 @ 70°F	100 ft	8 in	Kuriyama	4HM07
	1 1/4 in	1 3/4 in	0.16 in	100 @ 70°F	100 ft	1 1/2 in	Kuriyama	1PBK9
	1 1/2 in	1 5/8 in	0.22 in	100 @ 70°F	50 ft	6 in	Kuriyama	2LZD8
	1 1/2 in	1 5/8 in	0.22 in	100 @ 70°F	100 ft	1 3/4 in	Kuriyama	1PBL1
2 in	2 1/2 in	0.25 in	75 @ 70°F	50 ft	8 in	Kuriyama	2LZD9	
Kink-Resistant Wire-Reinforced PVC Tubing								
Food and Beverage, Hardness: Shore A 73, Max. Temp.: 150 °F								
Polyspring	1/4 in	5/8 in	0.09 in	150 @ 70°F	100 ft	1 in	Kuriyama	1PBL2
	3/8 in	1 1/2 in	0.13 in	100 @ 70°F	100 ft	1 1/2 in	Kuriyama	1PBL3
	1/2 in	3/4 in	0.13 in	100 @ 70°F	100 ft	2 in	Kuriyama	1PBL4
	3/4 in	1 1/2 in	0.13 in	70 @ 70°F	100 ft	3 in	Kuriyama	1PBL5
	1 in	1 3/4 in	0.13 in	70 @ 70°F	100 ft	4 in	Kuriyama	1PBL6
	1 1/4 in	1 3/4 in	0.19 in	70 @ 70°F	50 ft	5 in	Kuriyama	2LZE1
1 1/2 in	1 3/4 in	0.19 in	50 @ 70°F	50 ft	6 in	Kuriyama	2LZE2	
2 in	2 1/2 in	0.19 in	50 @ 70°F	50 ft	8 in	Kuriyama	2LZE3	
High-Pressure Kink-Resistant Reinforced PVC Tubing								
Food and Beverage, Hardness: Shore A 73, Max. Temp.: 150 °F								
Polywire-Plus	1/2 in	7/8 in	0.19 in	250 @ 70°F	100 ft	2 in	Kuriyama	4EGR3
	3/4 in	1 3/8 in	0.19 in	225 @ 70°F	100 ft	2 1/2 in	Kuriyama	4EGR4
	1 in	1 3/4 in	0.22 in	225 @ 70°F	100 ft	3 1/2 in	Kuriyama	4EGR5
	1 1/4 in	1 3/4 in	0.25 in	175 @ 70°F	50 ft	4 1/2 in	Kuriyama	4EGR6
	1 1/2 in	2 1/4 in	0.25 in	175 @ 70°F	50 ft	5 1/2 in	Kuriyama	4EGR7
	2 in	2 1/2 in	0.25 in	150 @ 70°F	50 ft	7 in	Kuriyama	4EGR8
	2 in	2 1/2 in	0.25 in	150 @ 70°F	50 ft	7 in	Kuriyama	4EGR8

Industrial Air & Water PVC Tubing



- Clarity: Clear
- Hardness: Shore A 73
- Max. operating temp.: 150 °F
- 100 ft.

Soft PVC tubing for air and water offers flexibility and easily installs in and around equipment, and resists corrosion. The clear tubing allows visual monitoring of flow in beverage processing, water distillation lines, air conditioning drainage, and air lines.

Inside Dia.	Outside Diameter	Wall Thick.	Max. Oper. Press. (psi)	Bend Radius	Item No.
1/8 in	1/4 in	0.06 in	65 @ 70°F	3 1/2 in	4HL96
3/16 in	5/16 in	0.06 in	55 @ 70°F	1 1/4 in	4EGU5
1/4 in	5/8 in	0.06 in	55 @ 70°F	2 in	4HL97
5/16 in	7/16 in	0.06 in	50 @ 70°F	1 1/8 in	1PBK3
1/2 in	1 1/2 in	0.06 in	45 @ 70°F	2 1/2 in	4HL98
3/8 in	1 1/2 in	0.13 in	55 @ 70°F	4 in	4EGV3
1/2 in	3/4 in	0.06 in	30 @ 70°F	3 in	4HL99
1/2 in	3/4 in	0.13 in	45 @ 70°F	5 in	4EGV6
3/8 in	3/4 in	0.06 in	35 @ 70°F	4 in	4HM01
3/4 in	7/8 in	0.13 in	40 @ 70°F	3 1/2 in	4EGV8
3/8 in	1 in	0.13 in	35 @ 70°F	5 in	4HM02
7/8 in	1 1/8 in	0.13 in	30 @ 70°F	4 1/2 in	4EGW2
1 in	1 1/4 in	0.13 in	25 @ 70°F	5 in	1PBK4