

## *TUBING*

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*NOTES*

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# TUBING

## *Polyethylene Tubing*



### **Characteristics**

Polyethylene tubing has good chemical resistance and is manufactured from F.D.A. approved resins. It is available in both low and high density. Natural (milky white ) color is standard. Low density is available in black in all sizes and black is recommended for outdoor use to improve durability in sunlight (ultraviolet rays ). The 1/4" O.D. size of low density is also available in blue, green, red and yellow.

#### **High Density Polyethylene Tubing**

<i>Part No</i>	<i>Tube O.D</i>	<i>Tube I.D.</i>	<i>Wall Thickness</i>	<i>WP P.S.I.*</i>
359-4	1/4	.170	.040	250
359-4H	1/4	.125	.062	280
359-5	5/16	.187	.062	250
359-6	3/8	.250	.062	250
359-8	1/2	.375	.062	200

#### **Low Density Polyethylene Tubing**

<i>Part No</i>	<i>Tube O.D.</i>	<i>Tube I.D.</i>	<i>Wall Thickness</i>	<i>WP P.S.I.*</i>
360-5/32-BLACK	5/32	.096	.030	120
360-4	1/4	.170	.040	140
360-4H	1/4	.125	.062	200
360-5	5/16	.187	.062	155
360-6	3/8	.250	.062	125
360-8	1/2	.375	.062	100
360-10	5/8	.500	.062	75
360-12	3/4	.625	.062	50

#### **Flame Retardent Linear Low Density Polyethylene Tubing Tested to UL94-V2**

<i>Part No</i>	<i>Tube O.D.</i>	<i>Tube I.D.</i>	<i>Wall Thickness</i>	<i>WP P.S.I.*</i>
FR360-5/32	5/32	.096	.030	120
FR360-4	1/4	.170	.040	140
FR360-6	3/8	.250	.062	125
FR360-8	1/2	.375	.062	100

Standard color on FR series is black, 1/4" O.D. also available in blue, green, yellow, white and red.

\*Working pressure at +70° F.

# TUBING

## Nylon Tubing



### Characteristics

Nylon tubing has a wide range of uses because of its good chemical resistance and higher working pressures. Common applications include instrumentation, lubrication and air lines.

#### Nylon 11 Flexible Tubing ( 1000# burst )

<i>Part No</i>	<i>Tube O.D.</i>	<i>Tube I.D.</i>	<i>Wall Thickness</i>	<i>WP P.S.I. *</i>
485-2	1/8	.096	.015	250
485-3	3/16	.138	.025	250
485-4	1/4	.190	.030	250
485-5	5/16	.242	.035	250
485-6	3/8	.295	.040	250
485-8	1/2	.375	.062	250

#### Nylon 6 Semi-Rigid Tubing ( 1500# burst )

<i>Part No</i>	<i>Tube O.D.</i>	<i>Tube I.D.</i>	<i>Wall Thickness</i>	<i>WP P.S.I. *</i>
486-2	1/8	.096	.015	375
486-3	3/16	.138	.025	375
486-4	1/4	.190	.030	375
486-5	5/16	.242	.035	375
486-6	3/8	.295	.040	375
486-8	1/2	.375	.062	375

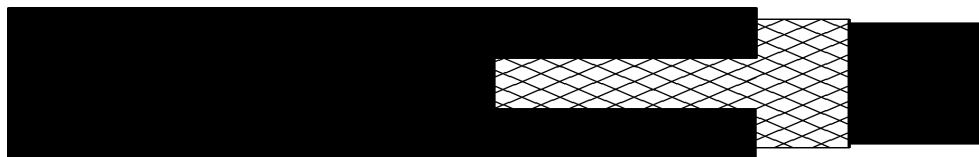
#### Nylon 6 High Pressure Tubing ( 2000# burst )

<i>Part No</i>	<i>Tube O.D.</i>	<i>Tube I.D.</i>	<i>Wall Thickness</i>	<i>WP P.S.I. *</i>
487-2	1/8	.079	.023	500
487-4	1/4	.170	.040	500
487-6	3/8	.265	.055	500

\*Working pressure at +70° F.

# TUBING

## *Nylon Air Brake Tubing*



### ***Characteristics***

Meets all requirements of S.A.E. J844 Type A & Type B and D.O.T. FMVSS 571.106. Developed specifically for air brake applications. Is also used in a wide range of instrumentation and secondary air systems. Sizes 3/8 and larger have a Polyamide fiber reinforcement.

### ***Temperature Range***

From -40°F to +200°F.

### ***Colors***

Standard color in all sizes is black. The 1/4" and 3/8" sizes are also stocked in red, blue, green and yellow. The 1/2" size is also stocked in red and green.

<i>Part No</i>	<i>Tube O.D.</i>	<i>Tube I.D.</i>	<i>Wall Thickness</i>	<i>WP P.S.I.*</i>
1485-2	1/8	.079	.023	250
1485-4	1/4	.170	.040	300
1485-5	5/16	.232	.040	250
1485-6	3/8	.250	.062	350
1485-8	1/2	.375	.062	240
1485-10	5/8	.441	.092	225
1485-12	3/4	.566	.092	200

\*Working pressure at +70° F.

# TUBING

## Aluminum Tubing



### Advantages

Manufactured from aluminum alloy UNS A1435 to meet or exceed ASTM B-491 specifications. Tubing is soft annealed and available from stock in 50 foot coils.

### Applications

Used extensively in air, alcohol, ammonia, chemical, gasoline, heating systems, kerosene, natural gas, oil, petroleum products, propane, vacuum lines and water systems.

### Temperature Range

From -250°F to +250°F.

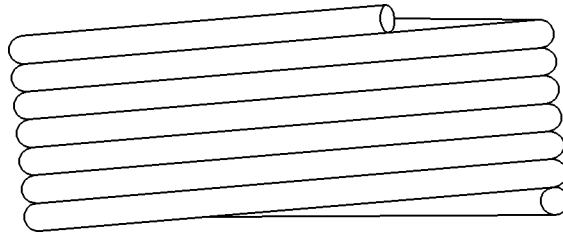
<i>Part No</i>	<i>Tube O.D.</i>	<i>Tube I.D.</i>	<i>Wall Thickness</i>	<i>WP P.S.I.*</i>
ALT-2X50	1/8	.055	.035	1,500
ALT-3X50	3/16	.118	.035	937
ALT-4X50	1/4	.180	.035	625
ALT-4XREEL**	1/4	.186	.032	625
ALT-5X50	5/16	.243	.035	500
ALT-6X50	3/8	.340	.035	437
ALT-7X50	7/16	.403	.035	375
ALT-8X50	1/2	.430	.035	312
ALT-10X50	5/8	.590	.035	250

*\* Working pressure at +70°F. using 4 to 1 safety factor*

*\*\* Reel lengths vary, please check with our order desk for actual lengths in stock.*

# TUBING

## Copper Tubing



<i>Automotive Copper Tubing</i>					<i>Heavy Wall Copper Tubing</i>					
<i>Part No</i>	<i>Tube O.D.</i>	<i>Wall Thick.</i>	<i>Coil Length</i>	<i>WP P.S.I.*</i>	<i>Part No</i>	<i>Tube O.D.</i>	<i>Type K size</i>	<i>Wall Thick.</i>	<i>Coil Length</i>	<i>WP PSI</i>
CT-2X25	1/8	.030	25'	2,400	CT-4.049X50	1/4		.049	50	1,400
CT-3X25	3/16	.030	25'	1,600	CT-6.049X50	3/8		.049	50	1,050
CT-4X25	1/4	.030	25'	1,200	CT-8.049X60	1/2	3/8	.049	60	980
CT-5X25	5/16	.032	25'	1,020	CT-8.049X66	1/2	3/8	.049	66	980
CT-6X25	3/8	.032	25'	850	CT-8.049X100	1/2	3/8	.049	100	980
CT-7X25	7/16	.032	25'	730	CT-10.049X60	5/8	1/2	.049	60	780
CT-8X25	1/2	.032	25'	640	CT-10.049X66	5/8	1/2	.049	66	780
CT-10X25	5/8	.035	25'	560	CT-10.049X100	5/8	1/2	.049	100	780
CT-12X25	3/4	.035	25'	470	CT-12.049X60	3/4	5/8	.049	60	650
					CT-12.049X66	3/4	5/8	.049	66	650
					CT-12.049X100	3/4	5/8	.049	100	650
					CT-14.065X60	7/8	3/4	.065	60	740
					CT-14.065X66	7/8	3/4	.065	66	740
					CT-16.049X50	1		.049	50	420
<i>Refrigeration Copper Tubing</i>					<i>Type L Copper Tubing</i>					
<i>Part No</i>	<i>Tube O.D.</i>	<i>Wall Thick.</i>	<i>Coil Length</i>	<i>WP P.S.I.*</i>	<i>Part No</i>	<i>Tube O.D.</i>	<i>Type L size</i>	<i>Wall Thick.</i>	<i>Coil Length</i>	<i>WP PSI</i>
CT-2X50	1/8	.030	50	2,400	CTL-6X60	3/8	1/4	.030	60	800
CT-2X100	1/8	.030	100	2,400	CTL-6X100	3/8	1/4	.030	100	800
CT-5/32X50	5/32	.030	50	2,000	CTL-6XREEL**	3/8	1/4	.030	**	800
CT-3X50	3/16	.030	50	1,600	CTL-8X60	1/2	3/8	.035	60	700
CT-3X100	3/16	.030	100	1,600	CTL-10X60	5/8	1/2	.040	60	600
CT-4X50	1/4	.030	50	1,200	CTL-12X60	3/4	5/8	.042	60	500
CT-4X100	1/4	.030	100	1,200						
CT-5X50	5/16	.032	50	1,020						
CT-5X100	5/16	.032	100	1,020						
CT-6X50	3/8	.032	50	850						
CT-6X100	3/8	.032	100	850						
CT-7X50	7/16	.032	50	730						
CT-8X50	1/2	.032	50	640						
CT-8X100	1/2	.032	100	640						
CT-10X50	5/8	.035	50	560						
CT-12X50	3/4	.035	50	470						
CT-14X50	7/8	.035	50	350						

\* Working pressure @ 70° F.

\*\* Reel lengths vary, please check with our order desk for actual lengths in stock.

Third Party Certified Plumbing Tubing is available. Please contact our order department for price and availability.

## TUBING

### *Clear Food Grade P.V.C. Tubing*



### *Characteristics*

This clear flexible P.V.C. tubing is abrasion resistant and has good chemical resistance.  
Made from F.D.A. approved resins and found extensively in the food and beverage industry.

<i>Part No</i>	<i>Tube O.D.</i>	<i>Tube I.D.</i>	<i>Wall Thickness</i>	<i>WP P.S.I.*</i>
JFT-42	1/4	.125	.062	65
JFT-53	5/16	.187	.062	55
JFT-63	3/8	.187	.094	65
JFT-64	3/8	.250	.062	55
JFT-74	7/16	.250	.094	60
JFT-75	7/16	.312	.062	50
JFT-84	1/2	.250	.125	70
JFT-85	1/2	.312	.094	60
JFT-86	1/2	.375	.062	45
JFT-96	9/16	.375	.094	55
JFT-106	5/8	.375	.125	60
JFT-108	5/8	.500	.062	30
JFT-118	11/16	.500	.094	35
JFT-128	3/4	.500	.125	45
JFT-1210	3/4	.625	.062	20
JFT-1310	13/16	.625	.094	30
JFT-1410	7/8	.625	.125	40
JFT-1612	1	.750	.125	35
JFT-1814	1-1/16	.875	.094	25
JFT-2016	1-1/4	1.000	.125	25
JFT-2218	1-3/8	1.125	.125	20
JFT-2420	1-1/2	1.250	.125	20
JFT-3224	2	1-1/2	.250	25
JFT-4032	2-1/2	2	.250	20

\* Working pressure at + 70° F.