

Plastic Tubing

Tubing

Example of complete part numbers: NT10006RD-100 (Catalog Number, Color, Coil Length)

NT100 "Nylon 11"

SAE J844 Type A & B DOT FMVSS 571.106

Typical Application: Air brake systems except where temperatures exceed +200°F or where battery acid can drip on tubing.

Construction: Core, Nylon; Braid, Polyamide Fiber (3/8" and larger sizes only); Jacket, Nylon.

Temperature Range: -40°F to +200°F (-40°C to +93°C)

Available Colors: Black (BK), red (RD), blue (BU), brown (BR), gray (GY), green (GN), yellow (YW), orange (OR) and white (WH). Refer to current price list for availability of colors. Example of complete part numbers: NT10006RD-100.

Contains: Ultra-Violet Stabilizer in all colors.



NOTE: 1/8", 5/32", 3/16", 1/4" and 5/16", are SAE J844 Type A (not reinforced); 3/8", 1/2", 5/8" and 3/4" are SAE J844 Type B (reinforced).

* Insert not required. Does not meet DOT standards.

NOTE: Not all colors available in all sizes. Refer to price pages for availability.

Catalog Number	Tube O.D. (in)	Tube Wall (in)	Max. Work. Pres. PSI 75°	Min. Burst Pres. PSI 75°	Min. Bend Radius 70° F	Lbs. Per 100 Ft.	Coil Length(s) (Ft)	Fittings
NT10002*	1/8 (.125)	.023	150	1,000	.375"	.4	100,500,1000	BW 1800 SERIES Q>CAB® FITTINGS (Pg. 83-90). BW 1400 SERIES AIR BRAKE Fittings. (Pg. 91-96) For 1/8" NT10002 Tubing use SELFALIGN® Fittings (Pg. 54-59). NOTE: SELFALIGN® Fittings are not designed to meet DOT standards.
NT10025*	5/32 (.156)	.032	150	1,200	.5"	.4	100,1000	
NT10003	3/16 (.187)	.035	150	1,200	.75"	.6	1000	
NT10004	1/4 (.250)	.040	150	1,200	1.0"	1.2	100,500,1000	
NT10005	5/16 (.312)	.040	150	1,000	1.25"	1.8	100,500,1000	
NT10006	3/8 (.375)	.062	150	1,400	1.5"	2.9	100,500,1000	
NT10008	1/2 (.500)	.062	150	950	2.0"	3.8	100,500,1000	
NT10010	5/8 (.625)	.092	150	900	2.5"	6.8	100,250	
NT10012	3/4 (.750)	.092	150	800	3.0"	8.4	100,250	

PT200 Polyvinyl Chloride

Typical Application: Soft, pliable, plasticized PVC Resin Tubing, for practically any low pressure laboratory, industrial, agricultural or domestic application.

Temperature Range: -5°F to +105°F (-20°C to +41°C)

Available Colors: Clear (suffix NA)

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Catalog Number	Tube O.D. (in)	Tube Wall (in)	Max. Work. Pres. PSI 75°	Min. Burst Pres. PSI 75°	Min. Bend Radius 70° F	Lbs. Per 100 Ft.	Coil Length(s) (Ft)	Fittings
PT20004	1/4 (.250)	.062	65	195	1.0"	2.0	100	BW POLYLINE® (Pg.60-64). SELFALIGN® (Pg. 54-59) with 2030x insert, and COMPRESSION (Pg. 48-53), with 2030x insert. See page 49 for insert. MOLDED COMPRESSION (Pg. 126-136).
PT20044	1/4 (.250)	.040	55	165	1.0"	2.0	100	
PT20005	5/16 (.312)	.062	55	165	1.25"	2.6	100	
PT20006	3/8 (.375)	.062	55	165	1.5"	3.3	100	
PT20008	1/2 (.500)	.062	45	135	2.0"	4.6	100	
PT20010	5/8 (.625)	.062	30	90	2.5"	5.9	100	
PT20012	3/4 (.750)	.094	40	120	3.0"	10.3	100	
PT20016	1(1.00)	.125	35	105	4.0"	18.5	100	

NOTE: SELFALIGN® Fittings are not designed to meet DOT standards. For plastic tube cutter, see page 226.

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Example of complete part numbers: NT10006RD-100 (Catalog Number, Color, Coil Length)

PT230 Polyamide "Nylon 6/6"

Natural off-white compound covered under 21CFR177.1500 regulations for food contact.

Typical Application: Semi-rigid general purpose tubing.

Temperature Range: -40°F to +180°F (-40°C to +82°C)

Available Colors: Natural off-white (NA) and black (BK). FDA colors available on request.

Contains: Ultra-Violet Stabilizer in black tubing.

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Catalog Number	Tube O.D. (in)	Tube Wall (in)	Max. Work. Pres. PSI 70°	Min. Burst Pres. PSI 70°	Min. Bend Radius 70° F	Lbs. Per 100 Ft.	Coil Length(s) (Ft)	Fittings
PT23002	1/8 (.125)	.015	300	1,000	.75"	.3	100,1,000	BW SELFALIGN® (Pg. 54-59). PUSH > CONNECT (Pg. 65-78), PUSH > CONNECT Flow Controls (Pg. 65, 75-76), PUSH > CONNECT PLUS (Pg. 77-78), and POLYLINE® w/brass sleeves (Pg. 60-64).
PT23003	3/16 (.188)	.023	300	1,000	1.25"	.6	100,1,000	
PT23004	1/4 (.250)	.030	300	1,000	1.5"	1.0	100,1,000	
PT23005	5/16 (.312)	.036	300	1,000	2.0"	1.5-1.6	100,1,000	
PT23006	3/8 (.375)	.040	300	1,000	2.25"	2.1	100,1,000	
PT23008	1/2 (.500)	.062	300	1,000	3.0"	4.2-4.3	100, 500	

PT240 Polyethylene

Natural off-white compound covered under 21CFR177.1520 regulations for food contact.

Typical Application: Economical, flexible, low density Polyethylene has a wide range of uses in industrial and agricultural applications.

Temperature Range: -40°F to +135°F (-40°C to +57°C)

Available Colors: Natural off-white (NA), black (BK), yellow (YW), orange (OR), blue (BU), red (RD), green (GN). FDA colors available on request. Refer to current price list for availability of colors.

Contains: Ultra-Violet Stabilizer in black tubing.

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Catalog Number	Tube O.D. (in)	Tube Wall (in)	Max. Work. Pres. PSI 70°	Min. Burst Pres. PSI 70°	Min. Bend Radius 70° F	Lbs. Per 100 Ft.	Coil Length(s) (Ft)	Fittings
PT24004	1/4 (.250)	.062	200	600	.75"	1.5	100,1,000	BW MINIBARB® (Pg. 79-82), POLYLINE® (Pg. 60-64), SELFALIGN® (Pg. 54-59) with 2030 insert (Pg. 56), and PUSH > CONNECT Flow Controls (Pg. 65, 75-76), PUSH > CONNECT (Pg. 65-70), PUSH > CONNECT PLUS (Pg. 77-78), MOLDED COMPRESSION (Pg. 129-136).
PT24044	1/4 (.250)	.040	133	400	.62"	1.0	100,1,000	
PT24005	5/16 (.312)	.062	135	480	1.0"	1.9	100,1000	
PT24006	3/8 (.375)	.062	135	400	1.5"	2.4	100,1,000	
PT24008	1/2 (.500)	.062	100	300	2.0"	3.4	100, 500	
PT24010	5/8 (.625)	.062	80	240	2.5"	4.4	100	
PT24012	3/4 (.750)	.094	70	210	3.0"	7.6	100	
PT24016	1 (1.000)	.125	100	300	5.0"	13.4	100	

For plastic tube cutter, see page 226.

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Example of complete part numbers: NT10006RD-100 (Catalog Number, Color, Coil Length)

TP160 Polyamide "Nylon 11"

Typical Application: Flexible nylon tubing. Used for instrumentation; lubrication and air lines; gas, chemical and oil processing; low pressure hydraulics.

Temperature Range: -40°F to +200°F (-40°C to +93°C)

Available Colors: Black (BK) or natural (NA).

Contains: Ultra-Violet Stabilizer in black tubing.

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Catalog Number	Tube O.D. (in)	Tube Wall (in)	Max. Work. Pres. PSI 70°	Min. Burst Pres. PSI 70°	Min. Bend Radius 70° F	Lbs. Per 100 Ft.	Coil Length(s) (Ft)	Fittings
TP16002	1/8 (.125)	.023	250	1,000	.62"	.30	100,1,000	BW POLYLINE® with Brass Sleeves (Pg. 60-64). SELFALIGN® (Pg. 54-59). PUSH > CONNECT Flow Controls (Pg. 65, 75-76), PUSH > CONNECT (Pg. 65-70). COMPRESSION (Pg. 48-53). PUSH > CONNECT PLUS (Pg. 77-78). MOLDED COMPRESSION (Pg. 129-136).
TP16025	5/32 (.156)	.029	250	1,000	1"	.75	100,1,000	
TP16004	1/4 (.250)	.040	250	1,000	1.25"	1.2	100,1,000	
TP16005	5/16 (.312)	.040	250	1,000	2"	2.0	100,1,000	
TP16006	3/8 (.375)	.062	250	1,000	3"	2.7	100,1,000	
TP16008	1/2 (.500)	.062	250	1,000	4.5"	3.8	100,500	

TUBING

MTP160 Polyamide "Nylon 11" Metric Tubing

Typical Application: Flexible nylon tubing. Used for instrumentation; lubrication and air lines; gas, chemical and oil processing; low pressure hydraulics.

Temperature Range: -40°F to +200°F (-40°C to +93°C)

Available Colors: Natural (NA).

Contains: Ultra-Violet Stabilizer

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Catalog Number	Tube O.D. (in)	Tube Wall (in)	Max. Work. Pres. PSI 75°	Min. Burst Pres. PSI 75°	Min. Bend Radius 75° F	Lbs. Per 100 Ft.	Coil Length(s) (Ft)	Fittings
MTP16004	4	.65	250	1,000	.75"	0.6	100	BW METRIC PUSH > CONNECT (Pg. 65, 71-74).
MTP16005	5	1	250	1,000	1"	0.9	100	
MTP16006	6	1	250	1,000	1.5"	1.1	100	
MTP16008	8	1	250	1,000	2.25"	1.5	100	
MTP16010	10	1	200	800	3"	1.9	100	
MTP16012	12	1	112	450	3.5"	2.3	100	

For plastic tube cutter, see page 226.