

Nylon - 12 Tubing

NYLOTUBE is resistant to most solvents, alkalies, oils, greases, petroleum products, fungi and molds. It has generally good resistance to dilute mineral and organic acids, but in cases where NYLOTUBE is being used in critical applications or aggressive environments, in-plant tests are always recommended.

NYLOTUBE is manufactured from heat and light-stabilized materials. Nylon brittleness is usually caused by cycles of water absorption and depletion. NYLOTUBE is not dependent on moisture for flexibility, so life expectancy is increased and the risk of brittleness greatly reduced.



- Very low moisture absorption: 1.4% maximum (at 73°F)
- Will not become brittle or swell because of water
- Excellent resistance to flexural fatigue, tube vibration and movement
- Lightweight with excellent bend radii and pressure ratings
- Resists crushing, abrasion and cracking
- Heat and light stabilized
- Free of BPA, conflict minerals, phthalates and latex
- REACH and RoHS compliant
- Available in semi-rigid or flexible grade, inch and millimeter sizes and in colors

Nylon - 12 Semi-rigid Grade

Part No. Natural	Part No. Black	I.D (in.)	O.D. (in.)	Wall (in.)	Standard Length (Ft.)	Working at 70°F (PSI)	Burst at 70°F (PSI)	Bend Radius (in.)	LBS. Per 100 (Ft.)
233 0580	233 0531	0.095	1/8	0.015	500	400	1200	3/8	0.25
233 0265	233 0216	0.075	1/8	0.025	500	1000	3000	1/4	0.35
233 1210	233 1161	0.106	5/32	0.025	250	730	2200	3/8	0.47
233 0895	233 0846	0.086	5/32	0.035	250	1120	3360	1/4	0.60
233 1840	233 1791	0.137	3/16	0.025	250	530	1600	1/2	0.58
233 1525	233 1476	0.107	3/16	0.040	250	980	2950	3/8	0.84
233 2470	233 2421††	0.190	1/4	0.030	100, 250	500	1500	1.0	0.95
233 2155	233 2106	0.150	1/4	0.050	250	1000	3000	1/2	1.39
233 3100	233 3051	0.242	5/16	0.035	100	465	1400	1¼	1.35
233 2785	233 2736	0.182	5/16	0.065	100	1165	3500	7/8	2.20
233 3730	233 3681	0.295	3/8	0.040	100	530	1600	1½	1.92
233 3415	233 3366	0.225	3/8	0.075	100	1180	3550	1.0	3.20

*Use only as a guide.

††Limited stock item in 100 ft. length, lead times and minimums may apply - call for details.

Add length suffix to part number when ordering. Example: 250 ft. of 0.190" I.D. x 1/4" O.D., natural color tubing is number 233 2470-250.

BOLD indicates the critical dimension for fittings application.

Nylon - 12 Flexible Grade

Part No. Natural	Part No. Black	I.D (in.)	O.D. (in.)	Wall (in.)	Standard Length (Ft.)	Working at 70°F (PSI)	Burst at 70°F (PSI)	Bend Radius (in.)	LBS. Per 100 (Ft.)
234 0261	234 0212 ^{^^}	0.058	1/8	0.034	100, 500	830	2500	5/16	0.44
234 0576	234 0527 ^{**}	0.117	3/16	0.035	100, 250	600	1800	3/8	0.74
234 0891	234 0842	0.170	1/4	0.040	100, 250	450	1350	1/2	1.15
234 1521	234 1472 [^]	1/4	3/8	1/16	100, 500	450	1350	1.0	2.69
234 1836	234 1787 [^]	3/8	1/2	1/16	100, 500	330	1000	1½	3.88
234 2151	234 2102	1/2	5/8	1/16	100	265	800	2½	5.06
234 2466	234 2417	19/32	3/4	5/64	100	300	900	4.0	7.36
234 2781	234 2732	13/16	1.0	3/32	100	230	700	7.0	11.74

*Use only as a guide.

**Available in 250 ft. coils only.

[^] Available in 100 ft. coils only.

^{^^} Available in 500 ft. coils only.

††Limited stock item, lead times and minimums may apply - call for details.

Red, Yellow, Green and Blue sold by standard coil length only (100 ft.).

Add length suffix to part number when ordering. Example: 100 ft. of 0.058" I.D. x 1/8" O.D., red color tubing is part number 234 0289-100.

BOLD indicates the critical dimension for fittings application.