

Nylon Tubing

Series N/NB Fractional and Metric

Abrasion resistant, heat and light stabilized resin.



Features

- Produced from abrasion resistant, heat and light stabilized nylon resin
- High-grade resins for strength and flexibility
- Low moisture absorption
- Chemically resistant
- EZ pack (100') boxes available

Notes

- Black (Series NB) tubing suggested for use in sunlit areas and in proximity to high UV light sources
- Suggested operating temperature range is -65°F (-54°C) to 200°F (93°C) - reference Pressure vs. Temperature charts as pressures are lower at elevated temperatures
- Working pressure and burst pressure are at 73°F (23°C)

Fittings

Parker Fittings available from:
Fluid System Connectors Division
Otsego, MI

(269) 692-6555
(269) 692-6634 FAX
parker.com/fsc

For approved fittings and/or suggested use of tube supports, reference Tube/Fitting Compatibility Chart (pg. B-8/B-9) or contact Parker Fluid Systems Connectors Division

Example: N-4-035-Red

N-4-035-Red- Nylon

N-4-035-Red- **Tube O.D.** in sixteenths of an inch (**1/4"**)

N-4-035-Red- **Wall Thickness** in inches (**.035"**)

N-4-035-Red- **Color**, i.e. **Red** (Omit for Natural and Black)

NN-4-035-EZ - 100 ft box, Natural Nylon

NB-4-035-0100 - Black Nylon

N-4-035-Red- **Package Quantity** in feet (**250'**)

Standard 250' package has no length reference.

Add -EZ for 100' boxed coil (NB-4-035-EZ)

Order Information

Example: **NN4x.65**

NN4x.65 - **Nylon**

NN4x.65 - **Tube O.D.** in millimeters (**4**)

NN4x.65 - **Wall Thickness** in millimeters (**.65**)

(Standard 100' package has no length reference)



WARNING

This product can expose you to chemicals including Nickel compounds, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Nylon Tubing

Series N/NB Fractional

Series N - Nylon Fractional Size Tubing

Part Number	Nominal O.D.		Nominal I.D.		Average Wall Thickness		Working Pressure 73°F (23°C)		Minimum Burst Pressure		Minimum Bend Radius		Weight		Color
	inch	mm	inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	lbs./ft.	kg/mtr	
NN-2-016 NB-2-016 N-2-016-XXX	1/8	3.2	.093	2.4	.016	0.4	250	17.2	1000	69.0	1/2	12.5	.003	.004	
NN-2-031 NB-2-031 N-2-031-XXX	1/8	3.2	.064	1.6	.031	0.8	500	34.5	2000	137.9	1/4	6.5	.004	.006	
NN-2.5-025 NB-2.5-025 N-2.5-025-XXX	5/32	4.0	.106	2.7	.025	0.6	300	20.7	1200	82.7	1/2	12.5	.005	.007	    
NN-3-025 NB-3-025 N-3-025-XXX	3/16	4.8	.138	3.5	.025	0.6	250	17.2	1000	69.0	5/8	16.0	.006	.009	
NN-3-046 NB-3-046 N-3-046-XXX	3/16	4.8	.096	2.4	.046	1.2	500	34.5	2000	137.9	7/16	11.0	.009	.013	
NN-4-035 NN-4-035-EZ NB-4-035 NB-4-035-EZ N-4-035-XXX	1/4	6.4	.180	4.6	.035	0.9	250	17.2	1000	69.0	7/8	22.0	.011	.016	     
NN-4-040 NN-4-040-EZ NB-4-040 NB-4-040-EZ N-4-040-XXX	1/4	6.4	.170	4.3	.040	1.0	310	21.4	1250	86.2	7/8	22.0	.012	.018	     
NN-4-062 NB-4-062 N-4-062-XXX	1/4	6.4	.125	3.2	.062	1.6	500	34.5	2000	137.9	1/2	12	.017	.025	
NN-5-040 NB-5-040 N-5-040-XXX	5/16	7.9	.233	5.9	.040	1.0	250	17.2	1000	69.0	1-1/8	28.5	.016	.024	

Note: If color not referenced, contact the division for availability.
 Standard 250' package has no length reference.
 -EZ : 100' EZ pack box


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Nylon Tubing

Series N/NB Fractional

Series N - Nylon Fractional Size Tubing

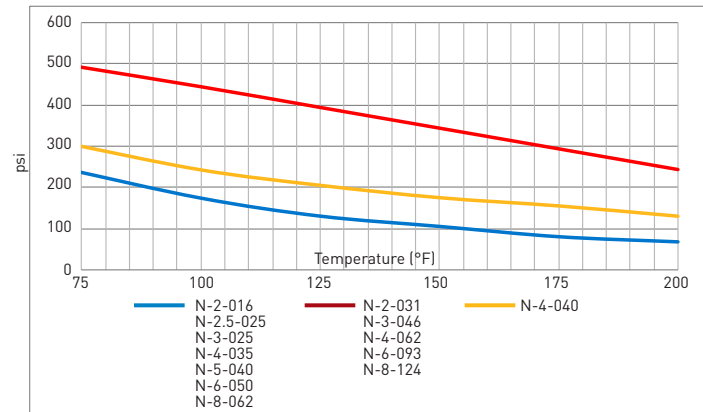
Part Number	Nominal O.D.		Nominal I.D.		Average Wall Thickness		Working Pressure 73°F (23°C)		Minimum Burst Pressure		Minimum Bend Radius		Weight		Color
	inch	mm	inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	lbs./ft.	kg/mtr	
NN-6-050 NN-6-050-EZ NB-6-050 NB-6-050-EZ N-6-050-XXX	3/8	9.5	.275	7.0	.050	1.3	250	17.2	1000	69.0	1-1/8	28.5	.023	.034	       
NN-6-093 NB-6-093 N-6-093-XXX	3/8	9.5	.190	4.8	.093	2.4	500	34.5	2000	137.9	3/4	19.0	.038	.057	 
NN-8-062 NN-8-062-EZ NB-8-062 NB-8-062-EZ NN-8-062-XXX	1/2	12.7	.375	9.5	.062	1.6	250	17.2	1000	69.0	1-1/4	32.0	.039	.058	   
NN-8-124 NB-8-124 N-8-124-XXX	1/2	12.7	.253	6.4	.124	3.2	500	34.5	2000	137.9	1	25.5	.067	.100	 

Note: If color not referenced, contact the division for availability.
Standard 250' package has no length reference.
-EZ : 100' EZ pack box

Colors

Color Code		
○	NN	Natural
●	NB	Black
●	BLU	Blue
●	GRN	Green
●	RED	Red
●	YEL	Yellow

Nylon Tubing (Series N/NB) Maximum Working Pressure (psi)



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Nylon Tubing

Series N/NB Metric

Series N/NB - Nylon Metric Size Tubing - Natural and Black

Part Number	Nominal O.D.		Nominal I.D.		Average Wall Thickness		Working Pressure 73°F (23°C)		Minimum Burst Pressure		Minimum Bend Radius		Weight		Color
	mm	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	kg/mtr	lbs./ft.	
NN4x.65 NB4x.65	4	.157	2.7	.106	0.65	.026	26.0	377	104	1508	14.0	9/16	.007	.005	 
NN6X1 NB6X1	6	.236	4.0	.157	1.00	.039	23.5	340	94	1363	22.0	7/8	.016	.011	 
NN8X1 NB8X1	8	.315	6.0	.236	1.00	.039	17.0	246	68	986	29.0	1-1/8	.024	.016	 
NN10X1 NB10X1	10	.394	8.0	.315	1.00	.039	12.5	181	50	725	34.0	1-5/16	.030	.020	 
NN12X1 NB12X1	12	.472	10.0	.394	1.00	.039	11.0	159	44	638	45.0	1-3/4	.036	.024	 
NN14X1.5 NB14X1.5	14	.551	11.0	.433	1.50	.059	15.0	217	60	870	57.0	2-1/4	.063	.042	
NN16X1.5 NB16X1.5	16	.630	13.0	.512	1.50	.059	12.5	181	50	725	74.0	2-7/8	.073	.049	
NN18X1.5 NB18X1.5	18	.709	15.0	.591	1.50	.059	10.5	152	42	609	92.0	3-5/8	.082	.055	
NN20X1.5 NB20X1.5	20	.787	17.0	.669	1.50	.059	9.5	137	38	551	112.0	4-3/8	.092	.062	

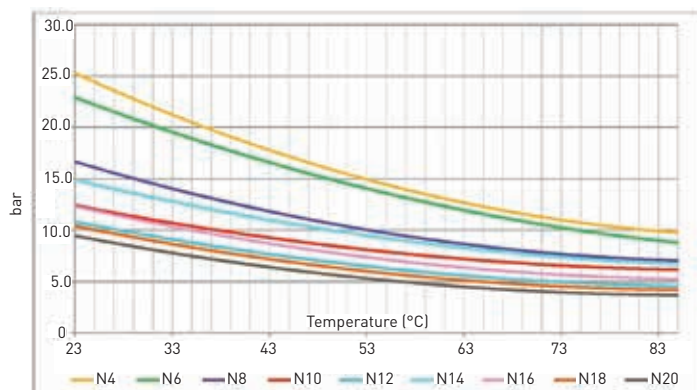
Note: If color not referenced, contact the division for availability.
Standard 100' package has no length reference.

Colors

- Metric sizes

Color Code		
○	NN	Natural
●	NB	Black

Nylon Metric Tubing (Series N/NB)



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