

420N Series

Nylon 12 Tubing

General Applications:

- Chemical transfer
- Lubrication and coolant transfer
- Paint supply lines
- Pneumatic and instrumentation lines
- Pneumatic tools

Construction: Nylon 12 – natural color. In compliance with RoHS⁽¹⁶⁾ criteria.

Service Temperature Range:

-60°F (-51°C) to +200°F (+93°C)[†]

Features and Advantages:

- **Strong and Lightweight** – Nylon construction provides high strength in a lightweight product.
- **Excellent Chemical Resistance** – Compatible with many industrial chemicals and solvents.
- **High Heat Resistance** – Heat resistant up to +200°F.



- **Low Moisture Absorption Rate** – Helps eliminate cross contamination of the transferred materials, and instances of swelling which can shorten tubing life.
- **Resistant to Environmental Stress Cracking (ESC)** – Highly resistant to the surface cracking caused by simultaneous exposure to stress and liquids.

Nominal Specifications

Series	Size Code	Nominal OD		Nominal ID		Nominal Wall		Working Pressure (PSI) at 70°F (20°C)	Standard Lengths (ft.)		Approx. Wt. per Pkg. (lbs.)	
		(in)	(mm)	(in)	(mm)	(in)	(mm)		Spool/Box	Coil/Box	500 ft.	100 ft.
420N	0435	1/4	6.4	.180	4.6	.035	0.9	290	500	100	5.5	1.1
420N	0650	3/8	9.5	.275	7.0	.050	1.3	250	500	100	11.5	2.3
420N	0862	1/2	12.7	.375	9.5	.062	1.6	240	500	100	19.0	3.8

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		(mm)	(in)	(mm)	(in)	(mm)	(in)		Spool/Box	Coil/Box	500 ft.	100 ft.
420N	MM04	4.0	.157	2.7	.106	0.65	.026	350	500	100	2.5	0.5
420N	MM06	6.0	.236	4.0	.157	1.0	.039	340	500	100	5.5	1.1
420N	MM08	8.0	.315	6.0	.236	1.0	.039	250	500	100	7.5	1.5
420N	MM10	10.0	.394	8.0	.315	1.0	.039	225	500	100	9.5	1.9
420N	MM12	12.0	.472	10.0	.394	1.0	.039	200	500	100	11.5	2.3

[†] **Note:** Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.

Note: For details of the following compliances, refer to page 63 of the Kuri Tec catalog.

PHthalate FREE⁽¹⁵⁾, RoHS⁽¹⁶⁾

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.