

LEDALON 12

Nylon 12 Tubing

Ledalon 12 tubing is ideal in applications requiring good abrasion resistance, stiffness and strength at high pressures and temperatures. Nylon 12 is highly resistant to flexural fatigue and offers very low moisture absorption and gas permeability rates. Ledalon 12 is resistant to most solvents, alkalis, oils, greases, petroleum products, fungi, and molds. UV resistant in Black.



Specific Gravity	1.02 +/- 0.02
Tensile Strength	25.0 MPa
Temperature Range	-20 to 120 deg C
Hydraulic Burst Pressure (minimum)	8000 kPa (1200 PSI) @ 20 deg C

Product Specifications:

Product Code	Outside Diameter mm	Tolerance mm	Nominal ID mm	Min. Bend radius mm	Standard Coil m
N12-04	4.00	+0.05/-0.07	2.25	30	300
N12-05	5.00	+0.05/-0.07	3.25	35	300
N12-06	6.00	+0.05/-0.10	4.00	42	300
N12-08	8.00 (5/16")	+0.05/-0.10	5.50	56	100
N12-10	10.00	+0.05/-0.10	7.00	70	100
N12-12	12.00	+0.05/-0.10	8.60	84	100
N12-14*	14.00	+0.05/-0.10	10.50	100	50
N12-15*	15.00	+0.05/-0.10	11.50	110	50
N12-16*	16.00 (5/8")	+0.05/-0.10	12.20	120	50
N12-19*	19.00 (3/4")	+0.05/-0.10	15.00	150	25
	inch	inch	inch		
N12-1/8	1/8"	+0.001/-0.003	0.08	30	300
N12-3/16	3/16"	+0.001/-0.003	0.13	35	300
N12-1/4	1/4"	+0.001/-0.004	0.17	42	300
N12-3/8	3/8"	+0.001/-0.004	0.25	70	100
N12-1/2	1/2"	+0.001/-0.004	0.37	84	100

* Denotes availability in Black or Natural only

Recommended Temperature / Pressure Range:

° Celsius	-20	0	10	20	40	50	65	80	95	110	120
Working psi.	700	650	625	600	450	375	250	200	125	85	60