

Fuel, Oil & Air - Ledalon 12[®]

Formula N12

Hydraulic Burst Pressure (minimum)	82 Bar / 1200 Psi
Temperature Range	-20 to 120 °C
Tensile Strength	25.0 MPa
Specific Gravity	1.02 ± 0.02



Main Applications

- Transfer of fuels, oils and lubricants
- High pressure pneumatic air lines for process control and instrumentation
- High temperature environments
- Where crush and fatigue resistance are required

Features

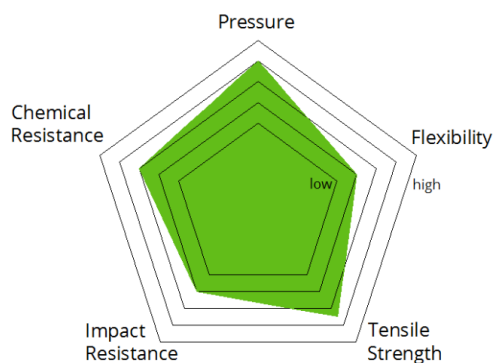
- Excellent resistance to solvents, hydrocarbons, oils, greases and petroleum products
- Wide temperature and pressure working range
- Good chemical resistance
- Low gas permeability
- Resistant to flexural fatigue and vibration

Product Code	OD (mm)	Tolerance (mm)	Nominal ID (mm)	Min Bend Radius (mm)	Standard Coil (m)
N12-04	4.00	+0.05 / -0.07	2.5	30	300
N12-06	6.00	+0.05 / -0.07	4.00	42	300
N12-08	8.00	+0.05 / -0.10	5.00	56	100
N12-10	10.00	+0.05 / -0.10	6.50	70	100
N12-12	12.00	+0.05 / -0.10	8.00	84	100
N12-16	16.00	+0.05 / -0.10	12.20	120	50
N12-19	19.00	+0.05 / -0.10	15.00	150	50
Product Code	OD (inches)	Tolerance (inches)	Nominal ID (inches)	Min Bend Radius (mm)	Standard Coil (m)
N12-1800	1/8"	+0.001/-0.003	0.08	30	300
N12-1400	1/4"	+0.001/-0.004	0.17	42	300
N12-3800	3/8"	+0.001/-0.004	0.25	70	100
N12-1200	1/2"	+0.001/-0.004	0.37	84	100

Recommended Temperature/Pressure Range

° Celsius	-20	0	10	20	40	50	65	80	95	110	120
Working Pressure (psi)	700	650	625	600	450	375	250	200	125	85	60
Working Pressure (bar)	48	45	43	41	31	26	17	13	8	6	4

Material Properties Quick Reference



Colour Range

Black	
Natural	
Blue	
Green	
Red	
Yellow	
Other colours available by special order	