

High Pressure - Ledalon 11[®]

Formula N11

Hydraulic Burst Pressure (minimum)	170 Bar / 2500 Psi
Temperature Range	-20 to 120 °C
Tensile Strength	30.0 MPa
Specific Gravity	1.05 ± 0.02



Main Applications

- High pressure pneumatic and fluid applications
- Short length grease lines
- High temperature environments
- Where crush and fatigue resistances are required

Features

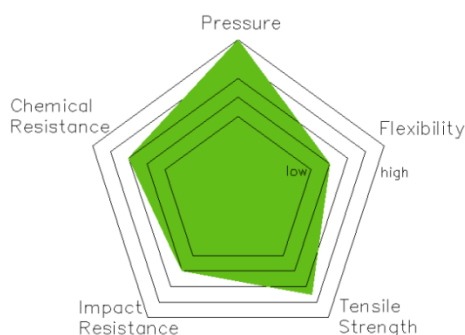
- High pressure capability to 2500 PSI
- Excellent resistance to greases, solvents, oils, hydrocarbons and petroleum products
- High tensile strength
- UV resistant (in black)
- Low gas permeability
- Resistant to flexural fatigue and vibration

Product Code	OD (mm)	Tolerance (mm)	Nominal ID (mm)	Standard Coil (m)	Handy Coil (m)
N11-04	4.00	+0.05 / -0.10	2.4	100	10
N11-06	6.00	+0.05 / -0.10	3.4	100	10
N11-08	8.00	+0.05 / -0.10	4.8	100	10
N11-10	10.00	+0.05 / -0.10	6.0	100	10
N11-12	12.00	+0.05 / -0.10	7.0	100	10
Product Code	OD (inches)	Tolerance (inches)	Nominal ID (inches)	Standard Coil (m)	Handy Coil (m)
N11-1800	1/8"	+.001/-0.003	0.075	100	10
N11-1400	1/4"	+.001/-0.004	0.147	100	10
N11-3800	3/8"	+.001/-0.004	0.224	100	10
N11-1200	1/2"	+.001/-0.004	0.303	100	10

Recommended Temperature/Pressure Range

° Celsius	-20	0	10	20	40	50	65	80	95	110	120
Working Pressure (psi)	1100	1075	1050	1000	800	650	525	350	225	150	100
Working Pressure (bar)	75	74	72	68	55	44	36	24	15	10	6

Material Properties Quick Reference



Colour Range

Black

