



PLDR100

Flexible, chemical and abrasion resistant elastomer

- 2:1 Shrink Ratio
- Shrink Temperature >175°C
- Flame Retardant
- Excellent Abrasion Resistance
- Excellent Chemical Resistance
- Operating Temperature -75°C to +150°C

PLDR100 offers excellent resistance to fuel and abrasion and a high continuous operating temperature of 150°C, superior mechanical properties and medium wall thickness. Common applications include insulation, oil resistance and mechanical protection, resistant to aviation and diesel fuels, hydraulic fluids and lubricating oils.

Technical Data

General	
Installation temperature	175°C
Longitudinal change	+0% -10%
Electrical	
Dielectric strength	8 kV/mm minimum
Thermal	
Heat ageing	168 hours at 160°C 4 hours at 200°C
Low temperature flexibility	4 hours at -40°C
Flammability	
Fire hazard	Duration of burning 15s max (ASTM D876)

Chemical	
Fluid resistance	24 hours at various temperatures for the following fluids:
	Petrol (100 octane)
	H-515 Hydraulic fluid
	O-148 Lubricating fluid
Specifications	
MIL-DTL-23053/16	
Def Stan 59-97 Issue 3 Type 6B	
VG95343 Pt5 Type D	
VDE 0341/Pt9005	
BS 4G-198 Pt3 10A	
RoHS Compliant	

Ordering Size (Inches)	Minimum ID Supplied (mm)	Maximum ID Recovered (mm)	Recovered Wall Thickness (mm)	Standard Spool Size (m)
1/8	3.20	1.60	0.76	50
3/16	4.80	2.40	0.84	50
1/4	6.40	3.20	0.89	50
3/8	9.50	4.80	1.02	50
1/2	12.70	6.40	1.22	30
3/4	19.10	9.50	1.45	30
1	25.40	12.70	1.78	30
1 1/2	38.00	19.00	2.41	15
2	51.00	25.40	2.79	15
3	76.00	38.00	3.18	15

Standard colour: Black

Full details on technical specifications, test methods and values are available on request.