PLV200

High temperature, chemical resistant fluoroelastomer

2:1 Shrink Ratio
Shrink Temperature >100°C
Flame Retardant
Fuel and Solvent Resistant
Resistant to Weather, Radiation and Ozone
Tough, Abrasion Resistant Material
Highly Flexible
Operating Temperature -55°C to +200°C

PLV200 is a fluoroelastomeric heat shrinkable tubing, which is ideally suited to applications where temperature and fluid resistance are major factors. PLV200 will withstand a continuous operating temperature of 200°C and still maintain a good resistance to fuels, most hydraulic fluids and other chemicals, extreme weather conditions and radiation. PLV200 has the advantage of good flexibility, combined with excellent abrasion resistance.

Technical Data

General

Installation temperature	175°C
Longitudinal change	+0% -20%

Electrical

Dielectric strength	6 kV/mm minimum

Thermal

Heat ageing	168 hours at 250°C 4 hours at 300°C
Low temperature flexibility	4 hours at -55°C

Flammability

Fire hazard	Duration of burning 15s max to ASTM D876

Chemical

Fluid resistance	24 hours at various temperatures for the following fluids: Aviation fuel to ISO1817 Liquid B Lubricating Oil O-148 Hydraulic Fluid 4515

Specifications

AMS-DTL-23053/13
Def Stan 59-97 Issue 3 Type 4A
BS 4G-198 Pt3 12A
VG 95343 Pt5 Type E
VDE 0341/Pt9005
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	10.00	4.80	1.02	50
1/2	12.70	6.40	1.22	30
3/4	19.00	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

Standard colour: Black

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

PLASTRONIC®
PMG Company

Tel: +44 (0)1793 840840 Fax: +44 (0)1793 840740 Email: sales@pmg-plastronic.co.uk www.pmg-plastronic.co.uk