



PLF103

Superior grade, 3:1 flame retardant polyolefin

3:1 Shrink Ratio
Minimum Shrink Temperature >80°C
Flame Retardant
Operating Temperature -55°C to +135°C
Wide range of colours from stock

PLF103 is a specially formulated tubing which offers a shrink ratio of 3:1. The higher expansion ratio is designed for use when wide ranging substrate diameters need to be covered. PLF103 allows a smaller number of sizes to be stocked for a wider range of applications.

Technical Data

General

Installation temperature 120°C
Longitudinal change +0% -10%

Electrical

Dielectric strength 20 kV/mm minimum

Thermal

Heat ageing 168 hours at 175°C
4 hours at 250°C

Low temperature flexibility 4 hours at -55°C

Flammability

Fire hazard Duration of burning 15s max to ASTM D2671

Chemical

Fluid resistance At 23°C for 24 hours for the following fluids:

Aircraft fuel, ISO1817 test liquid B
Phosphate ester based to ISO1817 test liquid 103
Lubricating oil ester based to ISO1817 test liquid 101

Specifications

AMS-DTL-23053/5 Cl 1
UL E35586
CSA LR31929
Def Stan 59-97 Type 2b
BS4G-198 Pt3 11B
VDE 0341 Pt9005
VG 95343 Pt5 Type A+B
RoHS Compliant

Ordering Size (mm)	Minimum ID Supplied (mm)	Maximum ID Recovered (mm)	Recovered Wall Thickness (mm)	Standard Spool Size (m)
1.5/0.5	1.5	0.5	0.45	200
4.5/1.5	4.5	1.5	0.55	200
3/1	3.0	1.0	0.55	200
6/2	6.0	2.0	0.65	150
9/3	9.0	3.0	0.75	150
12/4	12.0	4.0	0.75	100
18/6	18.0	6.0	0.85	50
24/8	24.0	8.0	1.00	50
39/13	39.0	13.0	1.15	30

Standard colours: Black, red, yellow, blue, white and transparent.

Non-standard colours: Brown, orange, green, violet and grey.

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

PLASTRONIC®
PMG Company