



PLZH100

Zero halogen, flame retardant heat shrinkable tubing

- 2:1 Shrink Ratio
- Shrink Temperature >80°C
- Flame Retardant (colours only)
- Halogen Free
- Operating Temperature -40°C to +105°C
- Wide range of colours from stock

PLZH100 is a thin wall, non-halogen, flame retardant, heat-shrinkable tubing. PLZH100 has been developed for mass transit, marine, offshore and construction markets. Common applications include insulation, marking, strain relief, mechanical protection and colour coding.

Technical Data

General	
Installation temperature	120°C
Longitudinal change	+5% -10%
Electrical	
Dielectric strength	15 kV/mm minimum
Thermal	
Heat ageing	168 hours at 135°C 4 hours at 175°C
Low temperature flexibility	4 hours at -30°C
Flammability	
Fire hazard	Duration of burning 30s max to ASTM D876
Smoke index	20 max, BS 3G 198-3 annex B
Oxygen Index at room temperature	32 min, ISO 4589

Chemical	
Fluid resistance	At 23°C for 24 hours for the following fluids: Aircraft fuel, ISO1817 test liquid B Hydraulic fluid ISO1817 test liquid B Silicone based synthetic fluid NATO S1714
Specifications	
BR 1326A Def Stan 59-97 Issue 3 Type 8 BS 3G 198 Pt3 Type 15 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	0.50	200
3/16	4.80	2.40	0.50	200
1/4	6.40	3.20	0.65	150
3/8	9.50	4.80	0.65	150
1/2	12.70	6.40	0.65	100
3/4	19.00	9.50	0.75	50
1	25.40	12.70	0.90	50
1 1/2	38.00	19.00	1.00	25
2	51.00	25.40	1.15	25

Standard colour: Black
Other colours available to special order
Full details on technical specifications, test methods and values are available on request.