



PLDW100

General purpose, adhesive lined, moisture resistant polyolefin

3:1 Shrink Ratio

Shrink Temperature >80°C

Flame Retardant Outer Wall (colours only)

Operating Temperature -55°C to +110°C

PLDW100 is a general purpose, flexible, polyolefin tubing with a thermoplastic adhesive inner liner. The inner liner will melt and flow to seal and encapsulate the inner components, offering an environmental protection.

Technical Data

General		Chemical	
Installation temperature	110°C	Fluid resistance	At 23°C for 24 hours for the following fluids:
Longitudinal change	+0% -15%		F-54 diesel fluid
Electrical			H-515 hydraulic fluid
Dielectric strength	12 kV/mm minimum		O-149 lubricating oil
Thermal		Specifications	
Heat ageing	168 hours at 150°C 4 hours at 225°C	AMS-DTL-23053/4 Cl 3 (colours only)	
Low temperature flexibility	4 hours at -55°C	UL E85381	
Flammability		RoHS Compliant	
Fire hazard	Duration of burning 60s max to ASTM D2671 (jacket only, not including transparent)		

Ordering Size (mm)	Minimum ID Supplied (mm)	Maximum ID Recovered (mm)	Recovered Wall Thickness (mm)	Standard Spool Size (m)	Standard Pack Size (1.2m Lengths)
3/1	3.0	1.0	1.00	150	50
4.5/1.5	4.5	1.5	1.10	75	50
6/2	6.0	2.0	1.10	60	25
9/5	9.0	3.0	1.40	60	25
12/4	12.0	4.0	1.78	60	25
18/6	19.0	6.0	2.25	60	25
24/8	24.0	8.0	2.54	30	15
39/13	40.0	13.0	2.54	30	15

Standard colours: Black and transparent.

Other colours available to special order

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