



PLDW100-LC

HIGH SHRINK RATIO, ADHESIVE LINED, MOISTURE RESISTANT POLYOLEFIN

PLDW100-LC is a 3:1 shrink ratio, general purpose, flexible, polyolefin tubing with a hot melt adhesive inner liner. The inner liner will melt and flow to environmentally seal and protect components and interconnections.



PLDW100-LC 3:1 provides a waterproof barrier and environmental seal for electrical components such as wire splices and harness in the automobile and communication industry. Used as an alternative to moulded parts and cable breakouts.

TECHNICAL DATA

HEAT SHRINK RATIO, ADHESIVE LINED, MOISTURE RESISTANT POLYOLEFIN

Material	Radiation cross-linked polyolefin
Inner Liner	Hot melt adhesive
Shrink Ratio	3:1
Dielectric Strength	>15kV/mm
Operating Temperature (outer wall)	-55 °C to + 125 °C
Tensile Strength	9 N/mm ² (Mpa) (min.)
Longitudinal Change	-10% (max.)
Ultimate Elongation	300%(min)
Volume Resistivity	1 x 10 ¹³ Ohm.cm (min)
Dielectric Constant	3.0 (max.)
Specifications	RoHS

BENEFITS

- 3:1 shrink ratio allows for connector-to-cable sealing.
- Provides increased mechanical protection.
- Adhesive bonds to a wide variety of plastics, rubbers and metals including polyethylene, aluminium, steel and copper.
- Flexible and environmentally friendly with a flammability rating UL VW-1.
- Waterproofing and anti-humidity.
- One size of tubing fits a range of substrates diameters, minimizing inventory costs.
- RoHS environmental standard compliance.

Ordering Description	Supplied Diameter (mm)	Recovered Diameter (mm)	Recovered Thickness (Incl. Adhesive) (mm)	Recovered Adhesive Thickness (mm)
PLDW100-LC-3/1	3.00	1.00	0.9	0.35
PLDW100-LC-6/2	6.00	2.00	1.1	0.50
PLDW100-LC-9/3	9.00	3.00	1.3	0.60
PLDW100-LC-12/4	12.00	4.00	1.5	0.70
PLDW100-LC-18/6	18.00	6.00	2.0	0.80
PLDW100-LC-24/8	24.00	8.00	2.3	0.90
PLDW100-LC-39/13	39.00	13.00	2.5	1.00

QUALITY ASSURANCE

PMG Company promises to always strive to offer our customers quality assurance. We aim to provide consistent and exceptional levels of customer service. This is achieved by our experienced sales and logistics teams. Quality assurance is our way of preventing mistakes and avoiding problems when delivering products to our customers. The high quality products we supply also conform to internationally recognised product specifications and standards.