



PLDW104-LC

HIGH SHRINK RATIO ADHESIVE LINED MOISTURE RESISTANT POLYOLEFIN

PLDW104-LC is a 4:1 shrink ratio, general purpose, flexible, polyolefin tubing with a low smoke polyolefin jacket and a thermoplastic adhesive inner liner. The inner liner will melt and flow to environmentally seal and protect components and interconnections.



PLDW104 4:1-LC is suitable for the waterproofing of the wiring of electronic equipment, sealing and fixing of wire branches, the corrosion protection of metal pipelines, to prevent the loosening and falling off caused by the relaxing of polymer chain segments.

TECHNICAL DATA

HEAT SHRINK RATIO ADHESIVE LINED MOISTURE RESISTANT POLYOLEFIN

Material	Radiation cross-linked polyolefin
Inner Liner	Hot melt adhesive
Shrink Ratio	4:1
Operating Temperature	-40 °C to 125 °C
Dielectric Strength	AC2500V (60s) No Breakdown
Installation Temperature	100 °C
Tensile Strength	≥10.4
Longitudinal Change	≥-5%~5%
Elongation at Break	≥200
Volume Resistance	≥1.0 x 10 ¹² Ω cm
Concentricity	≥70%
Water Absorption	≥1.0%
Specifications	UL 224 AMS DTL ASTM D2671 ASTM D876 ASTM D570

BENEFITS

- 4:1 shrink ratio allows for connector-to-cable sealing.
- Superior clarity of the clear material allows for visual inspection.
- Medium wall provides increased mechanical protection.
- Adhesive bonds to a wide variety of plastics, rubbers and metals including polyethylene, aluminium, steel and copper.
- Flexible, flame retardant, environmentally friendly.
- Excellent waterproof and anti-humidity/
- RoHS 2.0 environmental standard compliance.
- Flammability rating passes UL VW-1 Vertical Wire Flame Test.

Ordering Description	Minimum ID Supplied (mm)	Maximum ID Recovered (mm)	Recovered Wall Thickness (mm) +Jacket & Liner
PLDW104-LC-1/4	4.0	1.0	1.00+/-0.28 0.45+/-0.05
PLDW104-LC-6.0/1.5	6.0	1.5	1.00+/-0.28 0.45+/-0.05
PLDW104-LC-8/2	8.0	2.0	1.00+/-0.28 0.45+/-0.05
PLDW104-LC-12/3	12.0	3.0	1.40+/-0.38 0.55+/-0.05
PLDW104-LC-16/4	16.0	4.0	1.78+/-0.38 0.65+/-0.05
PLDW104-LC-20/5	20.0	5.0	2.25+/-0.55 0.75+/-0.05
PLDW104-LC-24/6	24.0	6.0	2.54+/-0.55 0.95+/-0.05
PLDW104-LC-32/8	32.0	8.0	2.54+/-0.55 0.95+/-0.05
PLDW104-LC-40/10	40.0	10.0	2.54+/-0.55 0.95+/-0.05

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.