



PLDW-TW

Thin wall, adhesive lined, moisture resistant polyolefin

3:1 Shrink Ratio
Shrink Temperature >80°C
Moisture Proof
Excellent Bonding Properties
Operating Temperature -55°C to +80°C

PLDW-TW 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. PLDW-TW is designed for applications where an adhesive liner is required, but a thinner wall and installed flexibility are important.

Technical Data

General

Installation temperature 120°C
Longitudinal change +0% -15%

Electrical

Dielectric strength 12 kV/mm minimum

Thermal

Heat ageing 168 hours at 150°C
4 hours at 225°C

Low temperature flexibility 4 hours at -40°C

Chemical

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

F-54 diesel fluid

H-515 hydraulic fluid

O-149 lubricating oil

Specifications

UL E85381

RoHS Compliant

Ordering Size (mm)	Minimum ID Supplied (mm)	Maximum ID Recovered (mm)	Recovered Wall Thickness (mm)	Standard Pack Size (1.2m Lengths)
3/1	3.0	1.0	1.00	150
6/2	6.0	2.0	1.00	60
9/3	9.0	3.0	1.35	60
12/4	12.0	4.0	1.50	60
18/6	18.0	6.0	1.70	60
24/8	24.0	8.0	1.95	30
39/13	40.0	13.0	2.10	30

Standard colour: Black

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