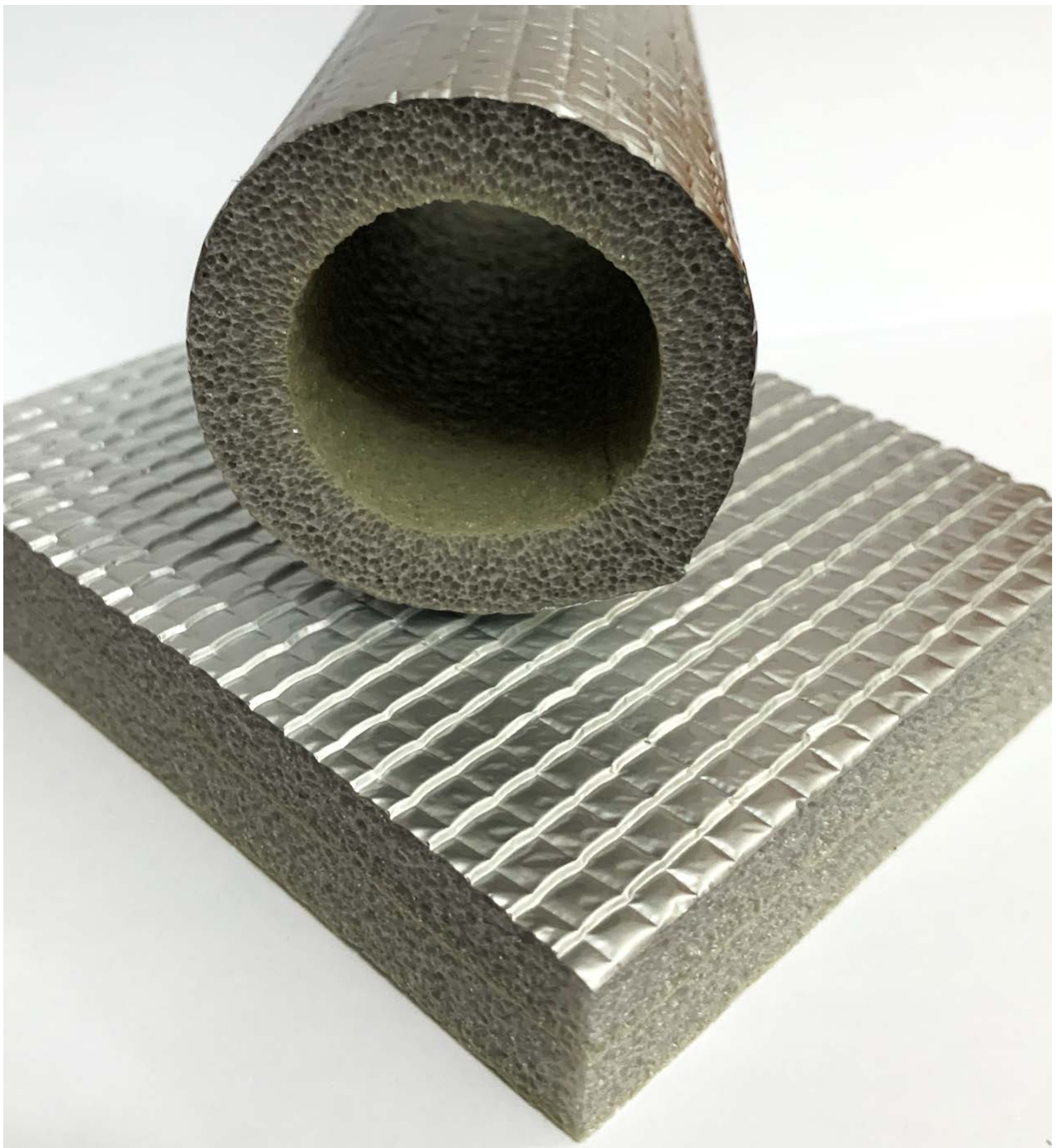


XLPE Foam Insulation

High Insulation | Low Cost | Long Life



WXLPE | Foam Insulation

XLPE Foam Insulation is made of Chemical cross-linked polyethylene foam. It is manufactured by high-temperature foaming after extrusion, cross-linked and foaming at the same time. It is the ideal foam for applications where support and high durability is required. XPE foam is a strong, resilient closed-cell foam. XPE is most suitable for products requiring a shock absorbing, vibration dampening, insulation, barrier or buoyancy component etc.

Low-density polyethylene foam has numerous applications because of its many desirable properties including water-resistance, chemical resistance, energy-absorbance, buoyancy and cushioning characteristics. Compressive strength is greater in denser foams, decreasing as density decreases. Low-density foams tend to exhibit more compressive creep, meaning they become less thick over time, than higher-density foams.

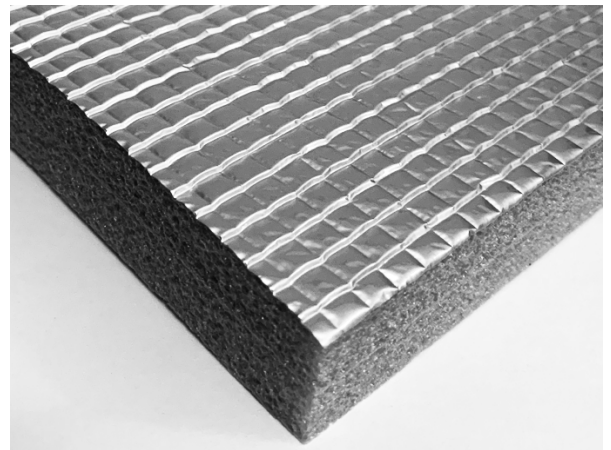
XLPE foam is an excellent material used as thermal & acoustics insulation: pipe roofs insulation, wall insulation, floor insulation, and air duct insulation. It's the most popular roof insulation product.

Features & Benefits

- Condensation proof
- High density
- Low thermal conductivity
- Aluminium foil Laminated high durability
- Self-adhesive to metal or any other surface
- Fire retardant & high temperature resistant.
- Closed cell feature makes water and moisture resistant
- High sound absorption – acoustic insulation
- Vibration preventive

Applications

- Pipe insulation – hot & cold
- Duct insulation for railways rolling stock
- HVAC thermal insulation
- Roof / wall / floor insulation
- Weather resistant outdoor applications
- External & internal cladding insulation



Quality		WXLPE-40	WXLPE-30
Density	Kg/m ³	35	25
Maximum Temperature	°C	120	100
Tensile Strength	Kg/cm ²	2.7	2.5
Elongation rate	%	97	90
Compression Strength	Kg/cm ²	0.43	0.32
Thermal conductivity ASTM C518			
	10 °C	W/(m K)	0.030
	40 °C	W/(m K)	0.031
Shapes		Tube / Sheet	Tube / Sheet