

ZERO PERM FOIL VAPOR BARRIER



Zero Perm Pressure Sensitive Tape

Z.P.T has a solvent-based acrylic adhesive with the excellent vapor barrier properties of aluminum foil and outstanding physical and chemical characteristics of Mylar (Polyester Film). The product is used to seal the joints of Zero Perm Foil Vapor Barrier on insulation board, or pipe and equipment insulation systems.

Applicable to cellular glass, nitrile rubber foam, mineral fiber, polyurethane, polystyrene, polyisocyanurate, urethane, semi-rigid and rigid material insulations as secondary vapor covering and jacketing for low temperature, cryogenic, cold storage, petrochemical projects, and specialty industries including ammonia, ethylene, butane, propane, methanol, oil, liquid natural gas (LNG), liquid petroleum gas (LPG), LN2, etc. Specify for replacement for mastics, rubber sheeting, glass cloth, and other interior and exterior jacketing materials.

Features:

- Absolute vapor barrier
- Extreme tear resistance
- Extreme puncture resistance
- Great temperature application
-115°F to 300°F (-80°C to 150°C)
- Lightweight and flexible
- Easy to cut and quick to install
- Fast, and safe installation
- Low maintenance costs
- Works well in all climates
- Environmental friendliness,
safety, and non-toxicity
- Fire rating : Class 1/Class A

PROPERTY	VALUE
Aluminium foil sandwiched between two layers of polyester film + acrylic adhesive	0.5 mil Polyester Film 1.0 mil Aluminium Foil Film 0.5 mil Polyester Film
Total thickness	2.0 mils
Temperature range	-115°F to 300°F
Volumetric mass	0.007 lbs / cu in
Water vapor permeability	0.000 Perms ASTM E 96 Procedure E (100°F, 90% R.H.)
Tensile strength	16,800 psi
Yield strength	37 lbs / Inch)
Adhesive Power	38.5lbs / Inch
Flame spread	15 ASTM E-84
Smoke development	35 ASTM E-84