

TECHNICAL DATA SHEET

11/08/16

REF: AS 259TN - PET Laminate Aluminium Foil Tape

DESCRIP: An aluminium foil laminated on both sides to give a complete vapour barrier, which prevents the ingress of moisture, dust and dirt into the insulation. Coated with a long lasting, ultra violet resistant acrylic adhesive on one side, and lined with a release paper to protect the adhesive face.

SPEC:	<u>Widths Available:</u>	On request
	<u>Standard Length:</u>	Standard sizes upon request.
	<u>Total Film Thickness:</u>	49 µm
	Polyester Thickness	12 µm
	Aluminium Thickness	25 µm
	Polyester Thickness	12 µm
	<u>Total Thickness:</u> (inclu. release liner)	140 µm
	<u>Adhesion To Steel:</u> (after 1 hour)	14 N/25mm
	<u>Adhesion To Steel:</u> (after 24 hours)	20 N/25mm
	<u>Tensile Strength:</u> Machine Direction	5.0 kN/m
	Cross Direction	5.0 kN/m
	<u>Shear</u>	40 hrs
	<u>MVTR</u>	0 g.m2/24hr
	<u>Application Temperature:</u>	+5° C to +55° C The surface must be free from ice or moisture
	<u>Temperature Range:</u>	-20° C to +100° C

STORAGE: Normal room temperature

USES: Vapour barrier covering of insulated pipe sections to prevent ingress of moisture, dust and dirt into the insulation.

APPLICATION: The tape should be applied with sufficient pressure to ensure an optimum bonding and prevent flagging effects. Surfaces should be clean, dry and free of dust, grease, oil or other contaminants.

Above mentioned values represent the average values determined by standard test methods and as such they are not binding. Any recommendations stated by the Company are made in good faith but cannot over-ride the basic obligation of the User to satisfy himself at all times as to suitability of the widely varying environmental conditions, the standards of application, and the changes in technology which can alter the properties of materials with which our products are expected to perform.