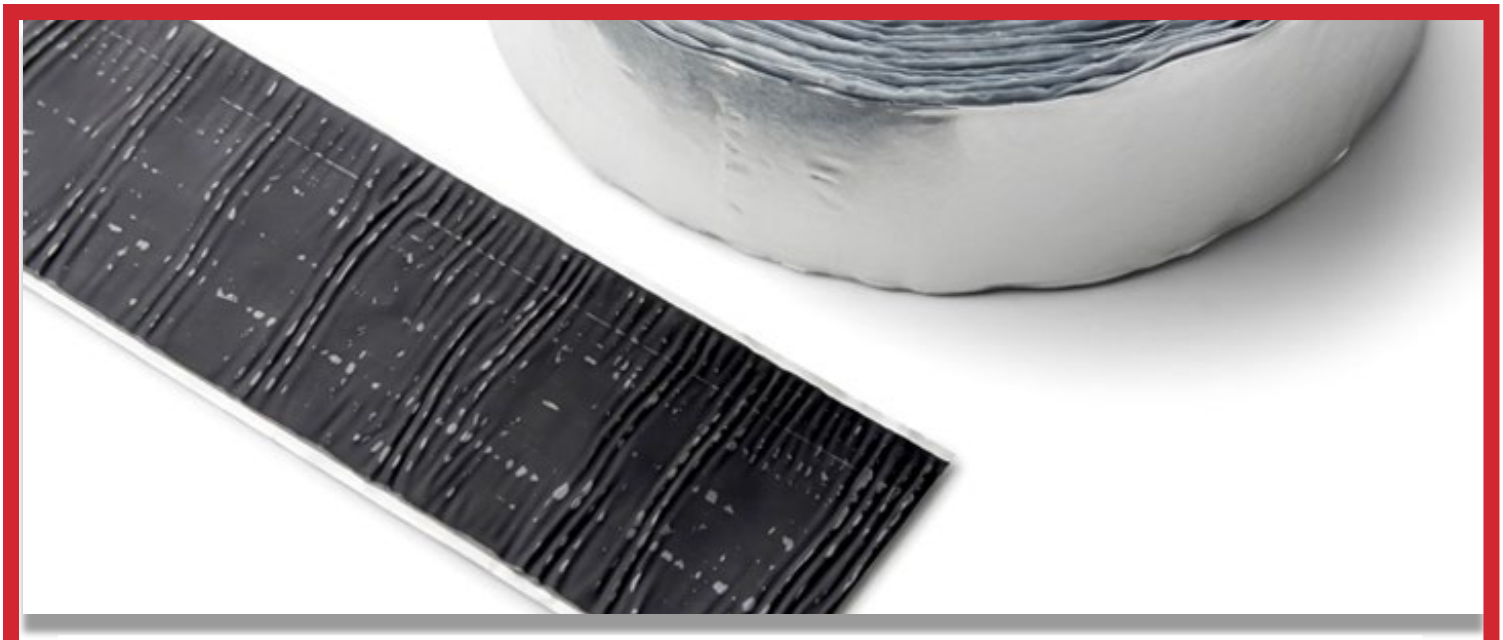


KISO 501 ALU-BUTYL TAPE

KISO 501 ALU-BUTYL TAPE is a black rubber-based extruded self-adhesive butyl sealing tape, laminated with a fixed foil backing. The butyl has high adhesive properties making it suitable for a wide range of external sealing applications.

Outstanding ageing properties – excellent for outdoor seals

KISO 501 is a more economical solution for applications not requiring tear resistance properties such as sealing duct flanges in HVAC systems, or seals in areas not exposed to the environment. It is a quick and easy way to carry out temporary remedial work.





Advantages

- High-performance aluminium foil
- Non-reflective fixed laminate
- Air and watertight
- Good acoustic dampening qualities
- Good adhesion to a wide variety of substrates
- Non-hardening, remaining flexible throughout its service life
- Excellent UV resistance
- Simple, quick and clean application
- Very good aging properties
- Long service life, estimated at 30 years *(depending on application)*

TECHNICAL DATA

KISO 501 ALU-BUTYL TAPE is a rubber-based, extruded, and self-adhesive butyl sealing tape supplied as a preformed profile with an aluminium foil and a siliconized LDPE release liner.

Technical Features - Based on grey butyl compound	Unit	Nominal Value	Test Method
Compression 50%	kN/m^2	130	KISO 5
Peel Adhesion 90°	N/cm	13	KISO 16
Density	g/cm^3	1.60	KISO 2
Service Temperature Range	°C	-30 / +80	KISO 28

KISO - KISO Test Method

Technical Features, Aluminium Foil				
			Thickness (Micron)	Tolerance (Micron)
PET			12	+/- 10%
Aluminium Foil			12	+/- 10%
PET			12	+/- 10%
	Value	**Unit**	**Test Conditions**	**Test Method**
Oxygen Barrier O_2	<0.1	$Cm^3/m^2/24h$	0% Rh, 23°C	ASTM D3985
Water Barrier WVTR	<0.1	$g/m^2/24h$	90% Rh, 38°C	ASTM F1249

Important when applying KISO 501 ALU-BUTYL TAPE

- All surfaces MUST be clean, dry and free from dust, grease and loose materials. Propan-2-ol is recommended for cleaning (of smooth surfaces). Make sure the surface is allowed to dry prior to application of the butyl sealing strip

Note:

The Technical Data above are based on laboratory tests performed at KISO. The Technical Features are to be regarded as target values. Properties quoted are typical and does not constitute a specification nor an explicit or implicit warranty. Due to the large variability in application conditions, it is advisable that the product is tested by the user to establish suitability for the intended use.