



KISO 458 GENERAL PURPOSE BUTYL TAPE

KISO 458 BUTYL Superior is a rubber-based extruded self-adhesive butyl sealing strip, suitable for use in construction and manufacturing industries.

A reliable airtight and weatherproof sealant

KISO 458 BUTYL is a high-quality all-round butyl. It provides an air and watertight seal in a variety of applications: sealing end and side laps in metal roofing systems; between the joints of panels in containers and cold stores; as a membrane jointing system; in the construction of caravans, motor homes and statics; in compression joints and seams; to seal duct flanges in HVAC systems. Its high temperature resistance also makes it very suitable for vacuum bagging applications.

KISO 458 BUTYL Tape is supplied as rectangular or round profiles, available in numerous dimensions and a choice of four colours. It has high tack qualities and provides good adhesion to metal, glass, wood, concrete and composite materials.



KISO 458 BUTYL Superior, blue



KISO 458 BUTYL Superior, Black

Advantages

- Airtight – to help modern buildings comply with current Building Regulations
- Weatherproof – to seal out the elements
- Sound deadening – an acoustic dampener in the caravan and automotive industries
- Good adhesion to a wide variety of substrates
- Non-hardening, remaining flexible throughout its service life
- Excellent UV resistance
- Good solvent resistance
- Simple, quick and clean application
- Very good aging properties
- Long service life, estimated at 30 years *(depending on application)*

TECHNICAL DATA

KISO 458 BUTYL Superior is supplied as a preformed tape (round or rectangular) on a siliconized release paper or foil. The product is offered in various dimensions.

Available colours: Black, white, grey, yellow and blue (other colours on request)

Technical Features			
	Unit	Nominal Value	Test Method
Compression 50%	kN/m ²	125	KISO 5
Adhesion	N/cm	>12	KISO 13
Strain Peak Force, Fmax	kN/m ²	45	KISO 5
Density	g/cm ³	1.60	DS/ISO 2781A
Needle Penetration (23°C)	dmm	70	ASTM D 5 (adjusted)
Service Temperature Range	°C	-30 - +180	

KISO - KISO Test Method

Important when applying KISO 458 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 that 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.

