

KISO 458 BUTYL TAPE

Date: 26/05/2026

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Product

KISO 458 BUTYL TAPE is a rubber-based, extruded, and self-adhesive butyl sealing tape supplied as a preformed tape on a siliconized release paper or LDPE release liner.

Key Features

- Good adhesion to flashing tapes, various tools and film surfaces
- Excellent UV resistance
- No fumes, solvent free and free from harmful substances
- Water repellent and airtight
- Excellent release from composite tooling
- Non hardening, remains flexible throughout service life

Areas of application

- Sealing of joints in mobile homes, motorhomes and caravan construction
- Side and end lap joints in metal roofing and cladding systems
- Air, water and dust sealing of compression joints and seams
- Joint seal and gap filling for inland boat and leisure industries
- Metal gutter joints
- Sealing of duct flanges in HVAC systems
- Acoustic solution in the automotive industry

Technical Features, Butyl

	Unit	Average Value	Test Method
Compression 50%	kN/m ²	125	KISO 5
Peel Adhesion 90°	N/cm	>12	KISO 16
Strain Peak Force, F _{max}	kN/m ²	45	KISO 5
Density	g/cm ³	1.60	KISO 2
Service Temperature Range*	°C	-30 / +90	KISO 28

KISO - KISO Test Method | *Depending on application

Standard Dimensions and Packaging

The product is offered in various dimensions. The number of meters per roll and rolls per carton is determined by product dimensions and customer requirement.

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

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Application

Application temperature: > 5°C (15°C - 25°C recommended)

Surface preparation: Mounting 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 sealant strip.

Application: Apply by hand directly from the reel. Press firmly against the mould surface, remove the protective paper and place the vacuum film on top and while pressing firmly on the vacuum film until air tightness is achieved.

Shelf life: Max. 2 years from date of manufacture under normal storage conditions, i.e. in a dry place at normal room temperature.

Storage: Do not store close to heat sources, as the protective paper can be difficult to remove while the product is hot. Must be stored flat in original packaging.

Service life: Estimated 15-20 years*.

Disposal: The product is not biodegradable, do not disperse it in the environment after use.

*Indicative estimate only. Actual service life depends on substrate, exposure, installation and application conditions. Not a warranty.

Tolerances

Rectangular Profiles:	Width (mm)	Unit	Tolerance (+/-)*
	- 2.5	mm	0.35
	2.6 - 4.0	mm	0.40
	4.1 - 6.3	mm	0.50
	6.4 - 10	mm	0.70
	11 - 16	mm	0.80
	17 - 25	mm	1.00
	26 - 150	mm	2.00
	*DIN 7715 T3 class E2		
	Thickness: +/- 10%*		
	*DIN 7715 T3 class E1 or better		
Round Profiles:	All Diameters: Calculated weight +/- 10%		
Length (All Profiles):	+/- 1.5%		

Warranty

KISO warrants only that the Product, at the time of delivery, complies with the expressly stated Technical Features, Standard Dimensions, Packaging and Tolerances in this Specification. Any information under "Application" is provided as general guidance only and does not constitute a warranty of suitability for any specific use, substrate, construction, production process or end product. The Purchaser shall conduct such tests and analyses as are necessary to ascertain the Product's suitability for the Purchaser's intended application. Characteristics not expressly specified in this Specification are not warranted.

More information

For further information, please contact our Sales Team or send us an e-mail at sales@kiso.dk