

TECHNICAL DATA SHEET

KISO 358 BUTYL Superior

Date: 18/1/2016

Version 9

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Product

KISO 358 BUTYL Superior is a general purpose rubber based preformed extruded butyl tape.

Key Features

- Good adhesion to a wide range of substrates
- Excellent UV resistance
- Solvent free
- Quick, clean and easy to apply with little waste
- Provides a water and air tight seal
- Noise cancelling
- Highly conformable
- 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

	Unit	Nominal Value	Test Method
Compression 50%	kN/m ²	110	KISO 5
Peel Adhesion	N/cm	>13	KISO 13
Strain Peak Force, Fmax	kN/m ²	35	KISO 5
Density	g/cm ³	1,60	DS/ISO 2781A, KISO 2
Needle Penetration (23°C)	dmm	70	ASTM D 5 (adjusted), KISO 1
Service Temperature Range	°C	-30 - +80	

KISO - KISO Test Method

Standard Dimensions and Packaging

KISO 358 BUTYL Superior is supplied as a preformed tape on a siliconised release paper or foil. The product is offered in various dimensions. The number of meter per roll and rolls per carton is determined by product dimensions and customer requirement.

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

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Application

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

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

Application: Apply by hand directly from the reel; apply the sealant firmly on one surface, remove the protection paper and apply the other surface on the strip surface. Press firmly.

Shelf life: At least 2 years from date of manufacture under cool and dry storage conditions.

Service life: Estimated 50 years.

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

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%

More information

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

Note:

The information in this Technical Data Sheet is 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.