

TECHNICAL DATA SHEET

KISO 354 BUTYL High Tack

Date: 11/1/2021

Version 8

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Product

KISO 354 BUTYL High Tack is an instant grab; rubber based preformed extruded butyl tape.

Key Features

- Very good adhesion to metal, glass, wood, concrete and other substrates
- Excellent UV resistance
- No fumes, solvent free and free from harmful substances
- Quick, clean and easy to apply with little waste
- Noise reducing
- Provides a water and air tight seal
- Highly conformable
- Remains flexible throughout service life
- Extended service life

Areas of application

- Construction joints where high tack and instant grab is required
- Acoustic solution in the automotive industry
- Where application is required in lower temperatures
- Manufacturing and OEM application
- Sealing of joints in metal containers

Technical Features

	Unit	Nominal Value	Test Method
Compression 50%	kN/m ²	125	KISO 5
Peel Adhesion	N/cm	>18	KISO 13
Strain Peak Force, Fmax	kN/m ²	40	KISO 5
Density	g/cm ³	1.375	DS/ISO 2781A
Needle Penetration (23°C)	dmm	72.5	ASTM D 5 (adjusted)
Service Temperature Range	°C	-30 - +80	

KISO - KISO Test Method

Standard Dimensions and Packaging

KISO 354 BUTYL High Tack is supplied as a preformed tape on a siliconised release paper or foil. The product is offered in various dimensions. Product dimensions and customer requirement determine the number of meter per roll and rolls per carton.

Available colours: Black or Grey (other colours on request).

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Application

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

Surface preparation: All surfaces MUST 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 30 years*.

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

*Depending on application

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%

Test

KISO can neither ascertain nor warrant that the Product is suitable for the specific purpose, interacts with the substrate or other material in the construction, construction method used or application chosen by the Purchaser in a way and with a result desired or anticipated by the Purchaser. Therefore, the Purchaser shall conduct and perform any such tests, studies and analysis of the Product to ascertain whether the Product is suitable for the Purchaser's production process and end products and / or application. KISO merely and exclusively warrants that the Products comply with the sections Technical Features, Standard Dimensions and Packaging, Application and Tolerances stated in this Specification. Characteristics of the Product that are not specified in this Specification are not warranted.

More information

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

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