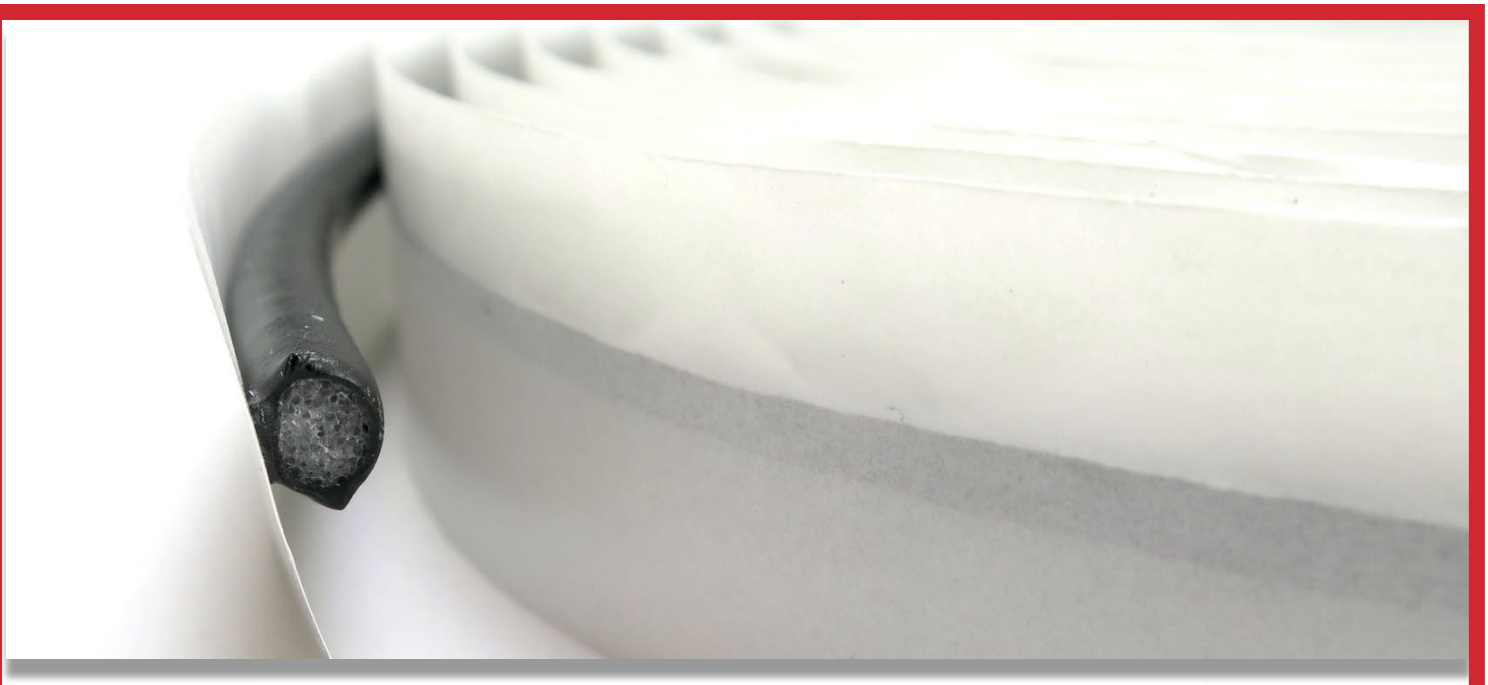


KISO 458 BUTYL FOAM-CORE

KISO 458 BUTYL FOAM-CORE is a butyl strip with a highly compressive polyethylene foam core.

Good recovery properties after compression and highly conformable

The specially developed KISO 458 BUTYL FOAM-CORE is extruded as a 1 mm butyl around a circular polyethylene foam core. The combination of the adhesive and weatherproof butyl and the highly compressive polyethylene foam core give a highly conformable air and watertight sealant strip. KISO 458 BUTYL FOAM-CORE has excellent recovery properties after compression making the product especially suitable for hatches in boats, mobile homes and caravan construction; for building, rooflights and the window industry; conservatories and aluminium facades; and for automotive and mechanical engineering applications.

The product provides good adhesion to a wide range of substrates, and it remains flexible throughout its service life. KISO 458 BUTYL FOAM-CORE withstands the weather all through the year.



KISO 458 FOAM-CORE – extruded as a 1 mm butyl around a circular polyethylene foam core



KISO 458 FOAM-CORE – weatherproof with excellent recovery properties after compression

Advantages

- Excellent recovery properties after compression
- Highly conformable
- Weatherproof – seals out the elements
- Excellent UV resistance
- Good adhesion to a wide range of substrates
- Non-hardening, remains flexible throughout its service life
- No fumes, solvent free and free from harmful substances
- Simple, quick and clean application
- Leaves hands and surfaces clean
- Long service life, estimated at 30 years *(depending on application)*

TECHNICAL DATA

KISO 458 BUTYL FOAM-CORE is a rubber based extruded and self-adhesive butyl sealant on a siliconized release paper. The product is extruded as a 1 mm butyl around a circular polyethylene foam core.

Available colours, butyl: Black
Available colours, foam-core: Anthracite

Technical Features, Butyl: KISO 458 BUTYL			
	Unit	**Nominal Value**	**Test Method**
Compression 50%	kN/m^2	120	KISO 5
Peel Adhesion 90°	N/cm	5	KISO 16
Density	g/cm^3	45	KISO 5
Strain Peak Force, F_{max}	dmm	1.60	KISO 2
Service Temperature Range*	°C	-30 / +90	KISO 28

KISO - KISO Test Method | *Depending on application

Technical Features, Polyethylene Foam Core			
	Unit	**Nominal Value**	**Test Method**
Density	g/cm^3	0.380	KISO 2
Flammability		B2	DIN 4102
Water absorption*	%	<0.5	DIN 53 495

*Water absorption value is on profile-level, meaning with butyl coating, provided the ends are sealed and the butyl jacket is continuous.

Important when applying KISO 458 BUTYL FOAM-CORE

- 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 sealant 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.