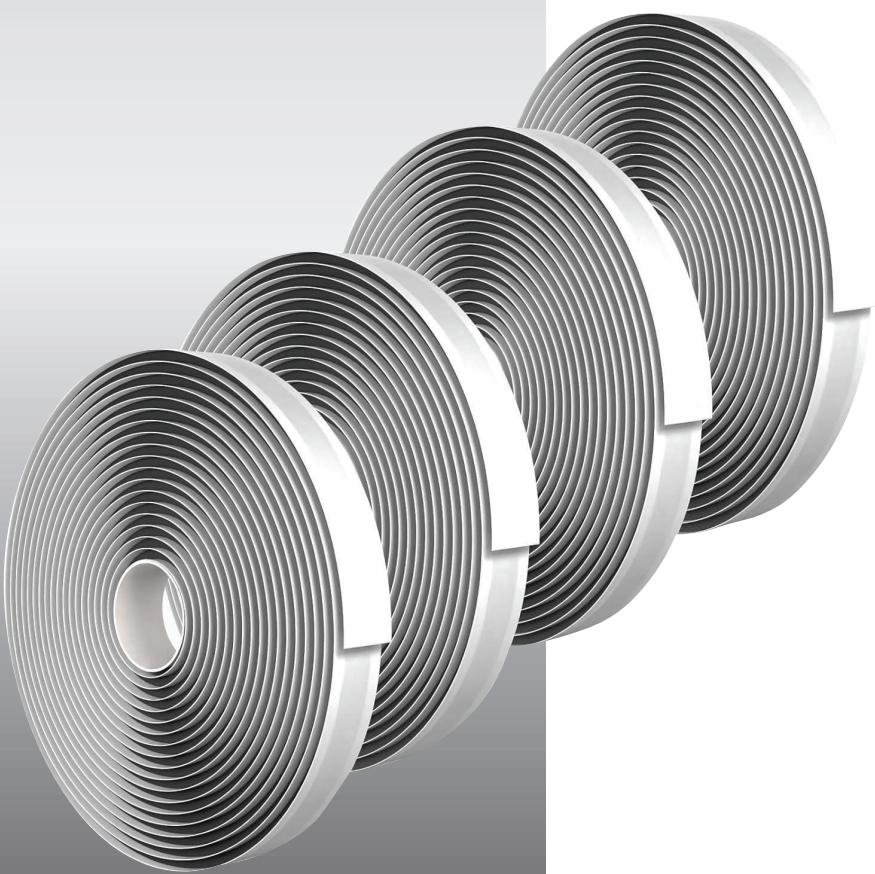




Keshav Innovations Pvt. Ltd.

Our Products

# BUTYL RUBBER PRODUCTS



STRONG

SMART

STABLE

[www.kipl.co.in](http://www.kipl.co.in)

ISO 9001:2015 Certified



A Product of Keshav Innovations Pvt. Ltd.

# ABOUT US



KIPL specializes in advanced butyl rubber products delivering superior sealing, waterproofing, and insulation solutions for automotive, construction, energy, and industrial applications.

- ▶▶ Our company has built a strong reputation in the field of adhesive tapes and innovative solutions.
- ▶▶ We are dedicated to delivering high-quality products that meet and exceed industry standards.
- ▶▶ With modern manufacturing facilities and a skilled workforce, we are capable of fulfilling large-scale demands.

## Why Choose **Butyl Rubber**?



100% Airtight & Watertight



Long-Term Heat Resistance (-70°C to +200°C)



Chemical, UV & Ozone Resistant



Noise & Vibration Damping



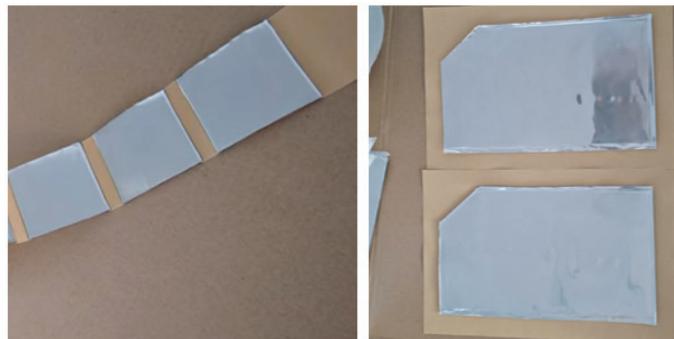
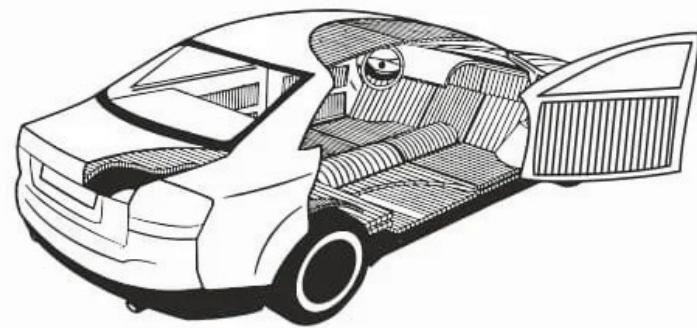
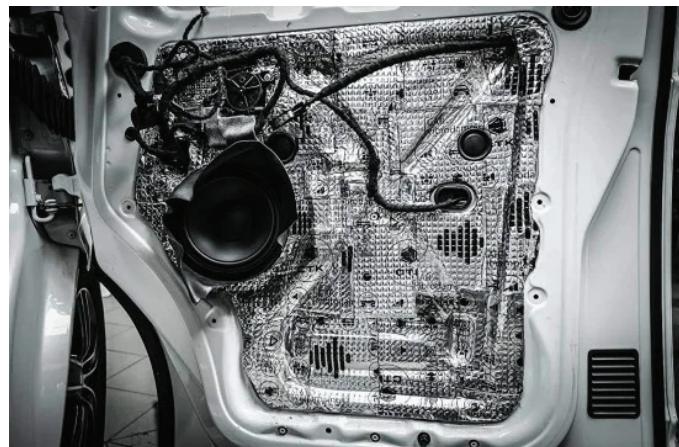
Flexible & Durable in All Climates

## Applications / Automotive Industry

# Sound Damping Sheet

Based on existing automotive soundproofing and vibration damping technology, we have developed automotive-grade vibration damping products specifically designed for OEMs, suitable for passenger cars, commercial vehicles, and especially new energy vehicles. The damping sheet is made by combining high-elasticity, high-adhesion butyl rubber with aluminum foil. Our soundproofing damping sheets have been adopted by multiple OEMs, offering customized solutions to meet automotive-grade requirements, combining functionality, cost-effectiveness, and environmental benefits.

- ➡ Upgrade your driving experience today with our Damping Sheet and enjoy a quieter, more enjoyable journey on the road. Silence the noise and rediscover the joy of driving
- ➡ These damping sheets are engineered to absorb and dissipate vibrations, providing effective control over unwanted resonances. Say goodbye to rattling, humming, and disruptive vibrations
- ➡ Elevate Your Audio Experience with Our Advanced Damping Sheets! Immerse yourself in crystal clear sound, where every note is felt and appreciated. Our cutting-edge damping technology ensures you enjoy the richness of every melody



Structural Composition	0.07mm aluminium foil, butyl rubber, release paper
Special Treatment	EA2 Series, etc.
Common Size	According to the drawing specifications
Thickness	1.0mm-4.0mm
Density	(1.6-2.4) g/cm <sup>3</sup>
Penetration	42-65 (1/10mm*5s)
Loss Factor	>=0.39 (2mm, 20 degree celcius, 260Hz)

# Headlamp Sealant/Strip

The automotive headlamp sealant strip is made primarily from butyl rubber, combined with other additives and processed through advanced technology. It is a non-curing, self-adhesive waterproof sealant strip with strong bonding ability to various surface materials. It also offers excellent weather resistance, aging resistance, and waterproof properties, providing sealing, vibration reduction, and protection for the adhered objects.

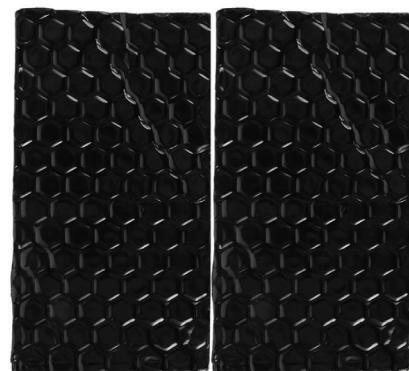
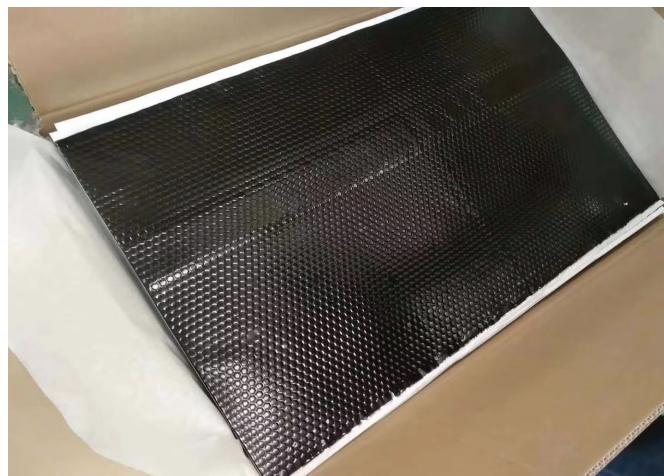


Structural Composition	Butyl Rubber
Butyl Rubber	L101 Series
Diameter	6.0mm-10.0mm
Density	(1.0-1.3) g/cm <sup>3</sup>
Shore Hardness	10-30
Elongation	>=600%
Tensile Strength	0.2MPa

# Sound Deadning Sheet

Replicate sound deadening qualities of the OEM using KIPL Sound Deadening Pad. Our pad suppresses road noise, sound system vibrations, rattles and other distracting sounds. The self-adhesive pad is easily cut to size and applied.

Suppress noise and vibration such as road noise, engine sounds or rattle and squeaks, by installing KIPL Sound Deadening Pads. Our pad improves the sound quality of your journey and only needs simple tools such as scissors for installation. Our self-adhesive sheets are embossed with a diamond pattern to match OEM standards, and are compatible for painting if desired. Being conformable and easy to install, they are ideal to be custom cut and applied to floor pans, engine compartments, hoods, deck lids, inside panels and on body panels.



Structural Composition	0.07mm aluminium foil, butyl rubber, release paper
Special Treatment	Aluminium Foil Printing, embossed pattern
Common Size	500mm*800mm
Thickness	1.5mm-3.0mm
Density	1.7g/cm3
Penetration	42-70 (1/10mm*5s)
Loss Factor	>=0.25 ( 2mm, 20 d=Degree Celcius, 260Hz)

## Lightweight Soundproofing and Vibration Damping Panel (QLH Series Colloid)

The lightweight automotive vibration damping panel is a new generation of low-density soundproofing and damping material developed to meet the weight reduction needs of new energy vehicles. It is designed to reduce vibration and noise in cars, made from lightweight and efficient materials like polymer composites. This material not only suppresses body panel vibrations, improving comfort, but also contributes to weight reduction, enhancing fuel economy and increasing driving range (for electric vehicles). It is widely used in automotive manufacturing and modification.



Structural Composition	0.07mm aluminium foil, butyl rubber, release paper
Special Treatment	Aluminium Foil Printing, embossed pattern
Common Size	500mm*800mm
Thickness	2mm-3.0mm
Density	0.94g/cm3
Penetration	50-75 (1/10mm*5s)
Loss Factor	>=0.3 ( 2mm, 20)

## Applications / Construction Industry

### Single-sided aluminum foil waterproof sealing tape/master rolls

Single-sided aluminum foil butyl waterproof tape is composed of butyl rubber and high-quality aluminum foil. The adhesive is primarily made from butyl rubber and polyisobutylene, refined with special formulations and new co-extrusion cross-linking technology. The high-quality composite aluminum foil serves as the surface material, providing the tape with excellent structural strength and waterproof performance. Additionally, the single-sided aluminum foil butyl waterproof tape is easy to apply and widely used.

- ➡ Repair of steel structure factory roofs, sunroom seam repairs, and waterproofing of roof/tile surfaces
- ➡ Sealing gaps in window sills, sealing joints in drainage pipes, and sealing leaks in containers such as water buckets.
- ➡ Air tightness, waterproofing, and shock absorption treatment for joints in colored pressed steel plates and sun panels.
- ➡ Waterproofing, sun protection, cooling, and noise reduction construction for roofs exposed to sunlight, including various civil engineering roofs such as colored steel, steel structures, waterproof membranes, and PC panels.



## ASA coated waterproof sealing tape/master rolls

ASA coating waterproof sealing butyl tape/roll is a high-performance waterproof product independently developed and manufactured by our company. The product is composed of high-quality butyl rubber and our proprietary ASA coated aluminum foil, featuring excellent properties such as abrasion resistance, corrosion resistance, and UV resistance, significantly extending the product life-span. Verified by authoritative testing institutions, the tape showed no changes after 3000 hours of accelerated aging simulation, equivalent to over ten years of outdoor use.

**Excellent Aging Resistance:** Verified through extensive testing, ensuring long-term stability in outdoor environments.

**Strong Adhesion:** Butyl rubber offers outstanding adhesion, suitable for various material surfaces

**High-Quality Aluminum Foil:** Provides additional waterproofing, moisture resistance, and thermal insulation, enhancing durability.

**Superior Flexibility:** Maintains excellent flexibility and tightness even in low-temperature environments

**Easy Installation:** Designed with self-adhesive backing for quick application without the need for additional tools or heating.



Main Materials	ASA coated composite aluminium foil, butyl rubber, release film
Colloid Color	Black, Grey, White, Yellow (Regular)
Width	5cm/10cm, 15cm, 100cm (Regular)
Length	5mtr, 10mtr (Regular)
Thickness	(0.8~1.5)mm
Surface color	Silver (Regular)
Surface Material	Gloss
Service Temperature	(-40~120) °C
Implementation Standard	JC/T 942-2022, T/CECS 10201-2022GB/T16422.2-2022

# PVDF waterproof sealing tape/master rolls

PVDF waterproof sealing tape/master rolls. The surface layer is made of the latest standard PVDF material, with ample material usage ensuring superior strength and aging resistance. The adhesive is produced using the company's innovative polymerization process, offering high bonding strength, resistance to extreme temperatures, and eco-friendly, odorless properties

**Excellent Aging Resistance:** Maintaining waterproof performance for over 20 years when exposed to outdoor conditions;

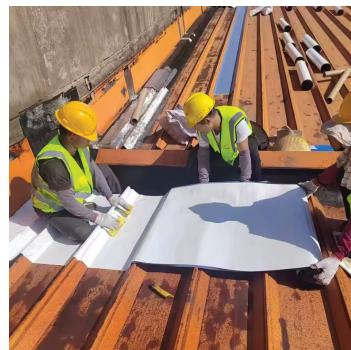
**Easy installation:** simply peel off the isolation film, adhere the self-adhesive layer to the substrate, and press evenly;

**High-Viscosity:** once applied, the membrane resists peeling and offers outstanding wind and seismic resistance;

**High-Strength:** withstands worker foot traffic during construction without damage;

**Noise Reduction:** effectively minimizes precipitation noise on metal roofs;

**Thermal Insulation:** reduces roof temperature by 10-20°C in summer, while in winter, it slows heat loss through the roof, enhancing building insulation.



Main Materials	PVDF, butyl rubber, release film
Colloid Color	Black, Grey, White, Yellow (Regular)
Width	5cm~1mtr
Length	5mtr-20mtr
Thickness	(0.7~2)mm
Surface color	White (Regular), Blue, Red, Grey (Customizable)
Surface Life	> 20 years
Service Temperature	(-40~120) °C
Implementation Standard	JC/T 942-2022, T/CECS 10201-2022

# Roof flashing tape

Flashing is a thin, impermeable material installed to prevent water from infiltrating buildings at joints or as part of a weather-resistant barrier system.

In modern construction, flashing primarily aims to reduce water ingress around openings such as chimneys, ventilation ducts, walls, windows, and doors, thereby enhancing the durability of buildings and reducing indoor mold issues.

Flexible flashing materials are easy to cut and shape manually, and they feature self-adhesive properties that eliminate the need for welding, simplifying installation compared to metal flashing. They offer strong adhesion, effectively protecting against rain, snow, and dust.

The design of flexible flashing materials is evolving, with reinforcing mesh extending to the edges to facilitate easier shaping. These materials typically consist of a flexible polyisobutylene layer with embedded reinforcing mesh, allowing for manual folding and securing into place.



Name	Flexible Roof flashing tape
Material	Aluminium mesh, butyl rubber, release paper
Width	28cm (regular)
Length	5mtr,10mtr(Regular)
Thickness	(1.5~2)mm
Surface color	Brick red, black, grey(Regular)
Surface Material	Color coated aluminium foil
Service Temperature	(-40~120) °C
Implementation Standard	JC/T 942-2022, T/CECS 10201-2022

# Single-sided non-woven waterproof sealing tape

Single-sided Non-woven Butyl Rubber Tape is a self-adhesive waterproof sealing tape with butyl rubber as the base material and a non-woven fabric surface coating. The product offers excellent initial adhesion, compatibility with diverse substrates, and easy installation. It remains non-curing, retaining long-term flexibility to accommodate structural movement, while providing superior waterproof sealing, corrosion resistance, and extended weather durability.

**Application:** This product is designed for sealing connections at roof ridges of light steel factory buildings, joints between color steel plates and skylight panels, drainage gutters, as well as waterproofing interfaces around window/door frames and walls, concrete roofs, and ventilation ducts.

**Installation Steps:** Remove the release paper from the tape surface.

Apply the tape along seams or cracks, aligning it precisely.

Press the non-woven side firmly by hand or with a small roller, ensuring full adhesion to the substrate.



Main Materials	Non-woven fabric, butyl rubber, release film
Colloid Color	Black, Grey, White, Yellow (Regular)
Width	5cm~1mtr
Length	10mtr(Regular)
Thickness	(0.7~2) mm
Surface color	White (Regular)
Surface Material	Non-woven fabric
Service Temperature	(-40~100) °C
Implementation Standard	JC/T 942-2022, T/CECS 10201-2022

## OTHER PRODUCTS

# Flexible Butyl Sealing Tape

The surface material is processed using a special technique to create pre-shrunk wrinkles, giving it an extremely high elongation rate without subsequent rebound. This allows the material to perfectly adapt to irregular waterproofing joints and maintain a tight fit during use. The adhesive uses a specially designed non-rebounding butyl adhesive that follows the stretching of the surface material, leaving no excessive rebound tension after being applied to the waterproofing area. The resulting waterproofing layer has permanent stability, preventing blistering and water penetration.

**Excellent flexibility:** adapts to various curved or irregular components.

**Easy installation:** one-step application, no need for training, ready to use immediately.

**Excellent waterproof performance:** tightly adheres to the waterproof substrate, no bulging or water seepage, long-term effective waterproof sealing. Superior durability: butyl rubber with excellent weather resistance, no cracking, superior product durability, aesthetically pleasing and non-polluting.

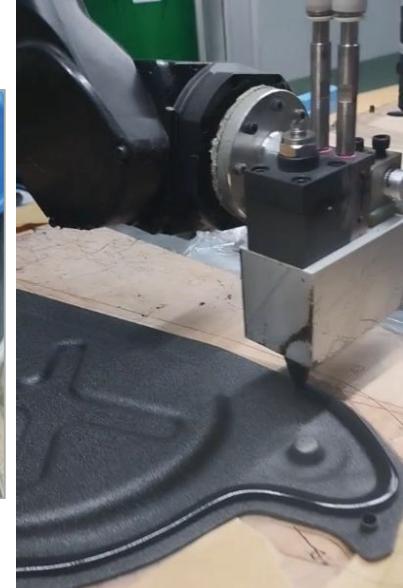
**High and low temperature resistance:** the adhesive remains non-brittle at -40°C and does not flow at 100°C.



Main Materials	Surface material, butyl rubber, release paper
Colloid Color	Black (regular)
Width	8cm, 10cm, 15cm (regular)
Thickness	1.5mm (regular)
Length	5mtr, 10mtr (regular)
Surface Color	White, Silver (regular)
Surface Material	Polyester non-woven fabric, Polyester aluminium foil, HDPE non-woven fabric
Surface temperature	(-40~100) °C
Implementation standard	JC/T 942-2022, T/CECS 10201-2022

## Waterproof Film, Interior Component Sealing and Vibration Damping Adhesive

With excellent waterproof and breathable properties, it's used in automotive door panels and building rooftops to block moisture and resist temperature extremes and aging. The interior sealing and damping adhesive reduces noise and vibration, prevents dust and liquid infiltration, and improves sealing and comfort, enhancing protection and durability.



Structural Composition	Butyl Rubber
Butyl Rubber	TD-130B Series
Penetration	80 (1/10mm)
Density	(1.0-1.3) g/cm <sup>3</sup>
Shore Hardness	10-30
Elongation	>=600%
Tensile Strength	0.15MPa

# Photovoltaic Double-Glass Butyl Sealant Strip

This product is a key material for packaging new photovoltaic cells (such as HJT and perovskite). With high gas impermeability and low water vapor transmission rate (<0.01 g/m<sup>2</sup>/day), it protects against environmental erosion, preventing perovskite degradation or HJT cell oxidation, ensuring module stability. It has strong weather resistance (-40°C to 120°C), is compatible with lamination processes, and prevents damage to sensitive materials. Compared to traditional EVA/POE films, butyl rubber enhances barrier performance by 1-2 orders of magnitude and suits flexible modules



Structural Composition	Butyl Rubber
Butyl Rubber	Photovoltaic Adhesive
Melt Index	11.9cm <sup>3</sup> /10min (130 degree celcius, 10kg)
Thickness	0.4mm-0.8mm
Density	(1.0-1.3) g/cm <sup>3</sup>
Water Vapor Transmission Rate	<0.01g/cm <sup>3</sup> .day
Insulation Strength	9kv/mm

# High-Temperature Resistant Butyl Sealant Strip

This product, based on polymer modification technology, optimizes butyl rubber formulations and enhanced filler systems to achieve exceptional performance with long-term temperature resistance up to 180°C and short-term resistance (within 30 minutes) up to 240°C. It also offers excellent aging resistance, chemical corrosion resistance, and elastic recovery. Suitable for high-temperature sealing challenges in industries like automotive and new energy, it provides strong adhesion to various vacuum bags and composite tools, maintains pressure during resin curing, and can be easily removed without leaving residue after curing.



Structural Composition	Butyl Rubber
Butyl Rubber	High-Temperature Resistant Butyl Rubber
High-Temperature Resistant	Long-term Temperature resistant upto 180 °C
Elongation	>=400%
Density	1.3g/cm <sup>3</sup>
Tensile Strength	0.3MPa



### CALL US

+919752094078, +919752091745  
+91731-4646461, +919752094755



### WRITE US

[info@kipl.co.in](mailto:info@kipl.co.in)  
[keshav.innovations@gmail.com](mailto:keshav.innovations@gmail.com)



### VISIT

[www.kipl.co.in](http://www.kipl.co.in)



### REACH US

H.O - KESHAV INNOVATIONS PVT. LTD.  
KIPL, Office No. 311-312, Unity One Mall  
Rajiv Gandhi Square, A.B Road Indore – 452001 (M.P.), India

Manufacturing Unit - KIPL  
Plot No. 6, Sector 5, Integrated Industrial Park  
Pithampur, Dhar – 454775 (M.P.), India



ape

release paper