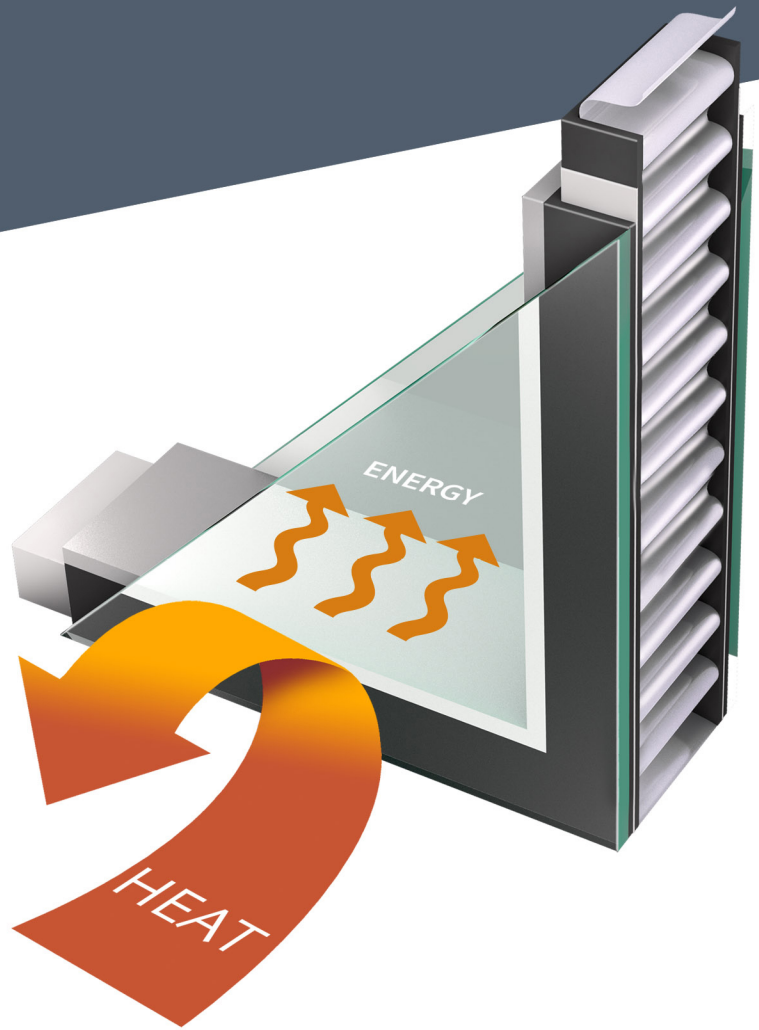
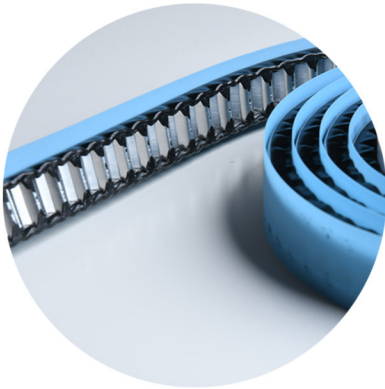


TG-SPACER

**TG Prides itself on
Reliability, Dependability and Integrity**

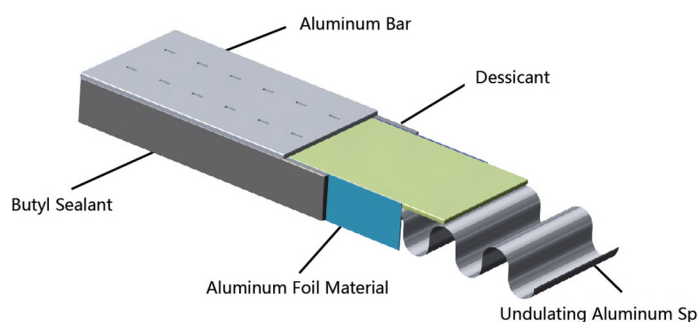


TG-Aluminum Compound Spacer

TG-Aluminum compound sealing spacer for IG is the perfect combination of Aluminum strip and spacer. It brings more aesthetic design and stronger support together with unique patent and excellent quality topping in the world, making TG-Aluminum spacer the ideal choice for making insulating glass.

FEATURES:

- The glass looks more beautiful with the Aluminum strip on surface, and the appearance meets the requirement for Aluminum frame type insulating glass, significantly improve its level.
- The aging-resistance performance remarkably enhances. The Aluminum strip on the surface effectively resists ultraviolet irradiation, reinforcing the aging- resistant performance of the spacer to a large extent.
- Simple operation makes highly production efficiency. Adopting TG-Aluminum spacer can take place of complex processing procedure of traditional Aluminum frame type insulating glass.



ADVANTAGES:

- Thermal Insulation: K value in coefficient of thermal conductivity below 3.0KW/M2
- Sound Insulation: To reduce outdoors noise to 27—50dBs.
- Resistance to dew condensing and frosting: To reach standard point
- Seal ability: Uneasy access of moisture and dust into the space between the two pieces of glass.



TG-Ultra Compound Spacer

This kind of spacer can be used together with other types of sealing rubber such as silicon, and it can meet the demands of the IG units. This spacer has been made of five kinds of excellent quality materials and six layers in total.

PRODUCT FEATURES:

- Increasing holding power among the glass: The height of corrugated aluminum strip is 4.8mm, and therefore the compression is very strong. With macromolecular heat-resistant strip, the new compound sealing spacer for insulating glass can significantly improve the problem of deformation under pressure.

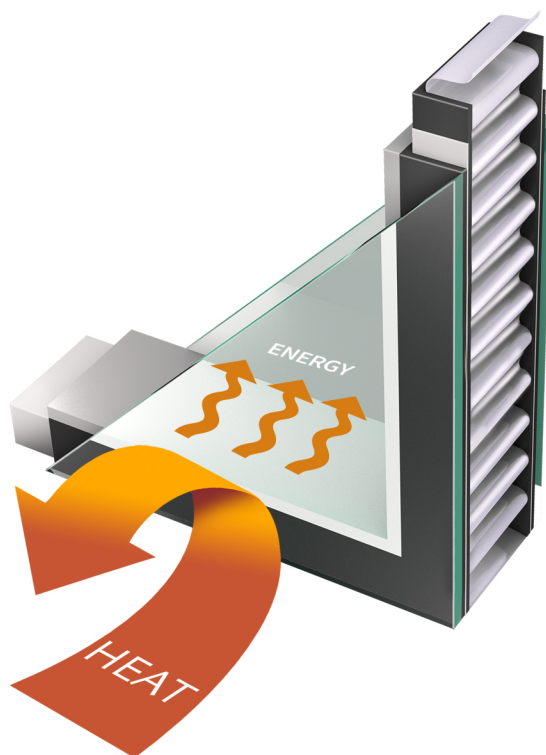
- Moisture-absorption properties: performance has been greatly enhanced through the use of 3A molecular sieve. Put the desiccant with a high proportion on the surface of plastic strip; make the properties of absorbing moisture significantly improved.

- Tensile Strength: The framework of TG-True Spacer is comprised of aluminum strips, plastic insulation strips and aluminum sheets, thus facilitating a dramatic increase in tensile strength.

- Vacuum foil membrane packing with indicator card is available inside. The products are packed with composite vacuum foil in four layers, and the indicator card shows the moisture-absorption performance.

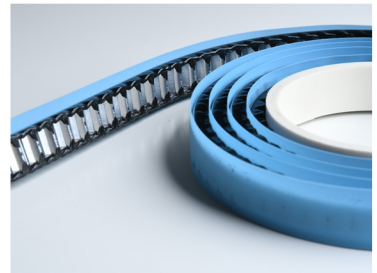
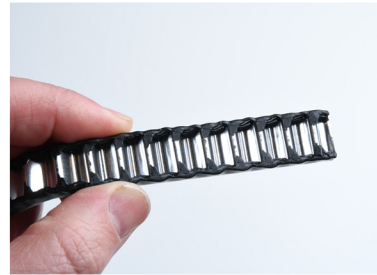
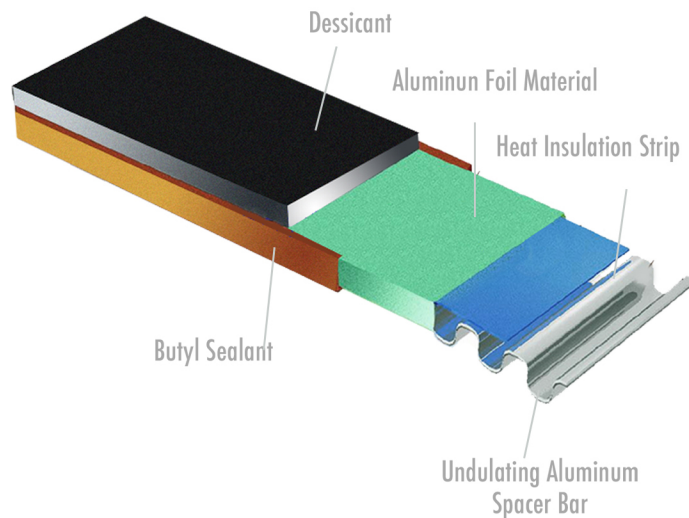
- The application of a special process stabilizes the strip performance so that it isn't affected by temperature variations.

- Two usages: you can use the insulating glass spacers separately; you can spread single component hot melt butyl or Polysulfide adhesive on the outside of the insulating glass spacer to enhance its structure.



ACTUAL OBJECT

TG- Ultra Compound Spacer



ADVANTAGES:

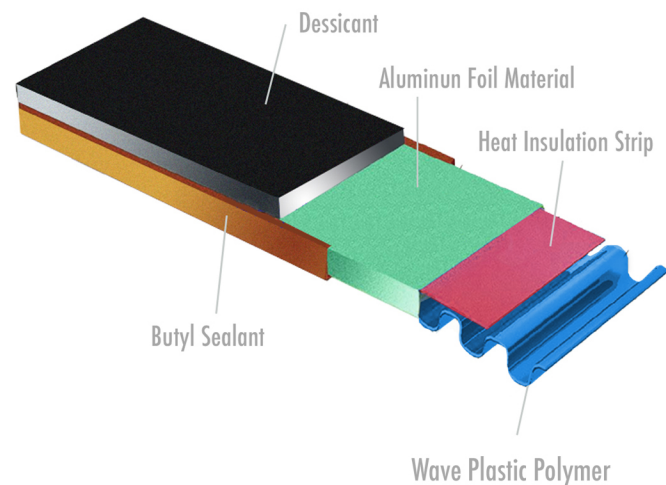
- The strip can be used independently for sealing
- It can also be coated with single-component hot melt adhesive or polysulfide adhesive from the outside of the strip to enhance its structural performance.
- Wavy Aluminum belt is flexible and supports easily curled areas.
- High molecular traction belt causes high strength rigid structure resisting.
- This spacer has good adhesive and bonding properties with glass, the water, and gas insulation effect is high.
- The grey and black desiccant layer decreases the quick reaching dew point.
- Thermal Insulation: K value in coefficient of thermal conductivity below 3.0KW/M2
- Sound Insulation: To reduce outdoors noise to 27—50dBs.
- Resistance to dew condensing and frosting: To reach standard point
- Seal ability: Uneasy access of moisture and dust into the space between the two pieces of glass.

TG-Ultra Plastic Spacer

Plastic warm edge spacer doesn't contain any metal material, which can effectively reduce the loss of heat and the thermal conduction at the edge of the insulating glass.

ADVANTAGES:

- Energy saving
- Environmental benefits with lower CO2 emissions
- Reduction of surface condensation on the insulating glass
- Reduced risks of mold formation on the frames, thereby extending their service life
- Contact surface of the window are less cold and thus more comfortable. Aluminum, on the contrary is an excellent heat conductor. It actually creates a thermal bridge which lowers the temperature in the perimeter zone of the glass unit, favoring condensation and thus increasing the risk for mold to develop on the frame, deterioration of the frame, and degradation of the sealants and consequent shortened service life of the insulating glass unit.
- Thermal Insulation: K value in coefficient of thermal conductivity below 3.0KW/M2
- Sound Insulation: To reduce outdoors noise to 27—50dBs.
- Resistance to dew condensing and frosting: To reach standard point
- Seal ability: Uneasy access of moisture and dust into the space between the two pieces of glass.



FEATURES:

- Great thermal insulation: no metal conduction, and its energy saving & noise reduction index is better than that of the dual-sealing aluminum-frame insulating glass.
- Strong flexibility: The flexible warm-edge spacer can be bent at to making it easy to produce a variety of irregular insulating glass.
- Optimizes stability: excellent wind pressure resistance and ageing-resistance performance, low product failure rate, and long service life.
- High efficiency: the single-sealing system eliminates the secondary sealing; therefore, it simplifies the production process.

TG-Deco-Compound Spacer

This product is made from high-quality butyl, polymer adhesive, and desiccant and continues corrugated aluminum strip. Therefore, the product offers an excellent sealing effect, superior drying capacity, extremely low water-vapor permeability and other advantages. Additionally, the product is easy to use. Its quality is easy to control, which makes it a good choice for the production of insulated glass.



FEATURES:

- Excellent product to simplify the production procedures by integrating the functions of drier, aluminum spacer and inserting angle
- Green product, excellent performance in insulating and sealing, warm edge insulated spacer
- High flexibility applicable for insulating glass in any shape
- Various colors at choice, different models available

ADVANTAGES:

- Good Sealing property.
- Continues wavy aluminum belt design to play supporting role for insulating gas and water efficiency.
- High content of desiccant can completely absorb the moisture in the gas.
- Adding anti-aging and high resistance molecular can effectively avoid of erosion in unfavourable environment.

This Black, Black & White, Black & Grey product, mainly use for insert glass, architectural decoration and Iron works.

SIZES:

Normal Sizes : 4mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 16mm, 19mm

Strip with groove: 9mm, 10mm, 11mm, 12mm, 16mm, 19mm

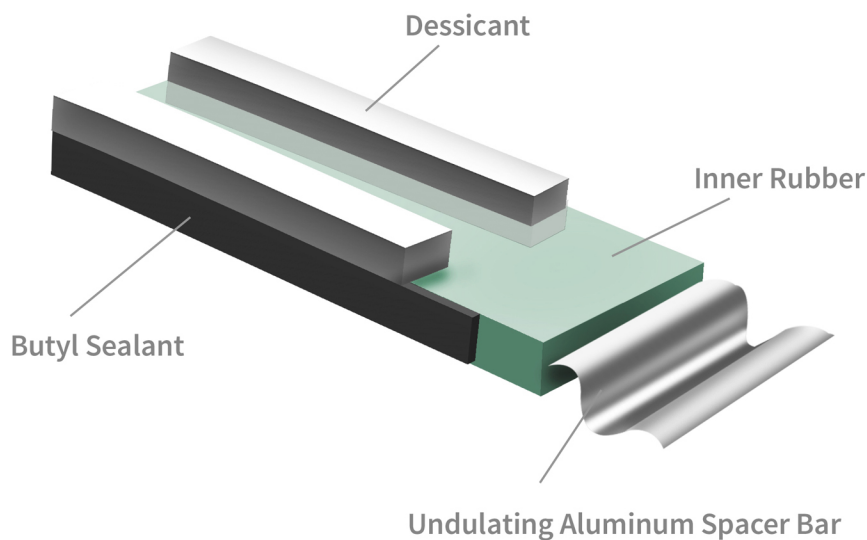
Special size is also available through special order.
Color: black, black-white, black -grey

Applicable Scope: Wide application in doors and windows of buildings, vehicles (with air-container) household appliances and so on.

Technical Support: Every effort will be made to provide all-round technical service from the choosing of the size of the product in the beginning to the technical guidance and examination in practical operation.

TG-Deco-Compound Spacer

Mosaic spacer for insulating glass consists of three major functional elements, including the butyl sealant, molecular sieve and internal adhesive, with the wavy aluminum strip as support, bringing a unique and practical structure design of the product.



FEATURES:

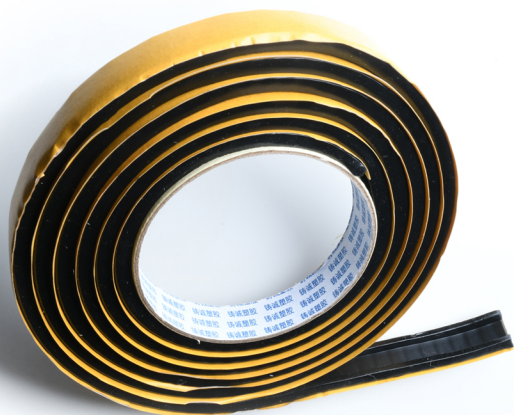
- High-quality butyl sealant and polymer binders ensure excellent sealing performance.
- The molecular sieve keeps absorbing the humidity remained in the space layer, and this effective ensures the dry sealed environment inside the insulating glass.
- The design of continuous wavy aluminum strip completely prevents the penetration of water vapor.
- The adding of materials such as high polymer material, antioxidant, etc, effectively resist the erosion in the bad environment and ensure the service life of insulating glass for a long time.

Fireproof Glass strip

Fireproof glass strip is made of highly quality butyl rubber, polymer adhesive and some other materials. Its excellent sealing performance and moisture barrier properties make it suitable for the edge sealing of infused fireproof glass.

FEATURES:

- Excellent sealing performance and moisture barrier properties.
- Built-in support of organic or inorganic materials which ensures the accurate in size of the insulating part of the fireproof glass.
- The unique technical formula which makes it perfectly integrated with the fireproof glue without any chemical reaction.
- Convenient to apply, cost-effective, and more efficient in producing fireproof glass.



APPLICATION:

It is suitable for the production of infused fireproof glass. It can be used in architectural decorative steel wooden doors, windows, top bars, partition walls, makeshift roofs, and other building components that need to be both transparent and fireproof.

