

PVC gasket

gaskets

Technical Data Sheet

The PVC gasket is manufactured with a polyvinyl chloride (PVC) base and is used to fix glasses in commercial, residential and in some cases architectural aluminum doors and windows, to prevent the entry of water, dust and air, also depending on the design it could have several applications in different sectors.

Technical Information

PROPERTIES	VALUE
Hardness Shore A	Aprox. 70
Density	1.20-1.30 g/ml
Elongation	Aprox. 200%
Tensile Strength	Aprox. 90 kg/cm ²
Ashes	25-35%
Tensile Strength	Good

Uses

PVC gasket have been mainly formulated for:

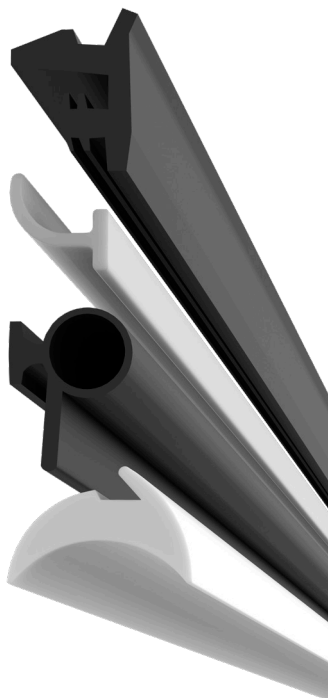
- Glass intallation in different profile designs, like fix, sliding, casement, awning windows as well in sliding, casement doors at residential level.
- Installation of screen mesh.
- Prefabricated windows where is important to have quality and safety.
- As substitute of plush in the sliding window line in the overlaps of the aluminum profiles due it keeps its physical properties for a longer time, preventing water dust and air entries.

Application

Keep the **vinyl gasket** inside the bag until use it. Before start verify that the gasket has an even cut in the end, otherwise cut it as even as possible before starting the installation. Start placing the gasket in upper horizontal aluminum profile starting in the central part and not in the corner. When arriving to the corner, make a partial cut of the gasket to allow it bends and install on other aluminum profile without trimming it totally. Repeat this operation on each corner. Once completing the installation, cut the gasket straight leaving 1 cm longer as protection measure for the installation.

Advantages

- Virgin raw material, which allows a better performance.
- Excellent memory (recovery capacity under deformation).
- Light, it has less meters per kilogram than other similar gaskets design of poor quality.
- Remarkable weather and humidity resistance.
- Easy installation.
- Maximum durability.
- Does not shrink.
- Does not crack.
- Longer lifetime.





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Recommendations

- Perform tests under actual application conditions to guarantee its proper operation.
- To achieve a good gasket result it is recommended the use of gaskets (support and wedge, or two wedges) at both sides of the glass to prevent the contact of glass with the aluminum profile.
- When using a single packing design, it is recommended a lead in sliding lines. The use of wedges in one side is only recommended in clear or tempered glasses in residential and commercial windows.
- Keep the excess in its original packaging, preventing the contamination of the product with dust and ensuring its proper operation in the installation.

Maintenance

- No maintenance required.
- They shall be frequently cleaned when they are in contact with detergents or cleaning products generally used during glass cleaning, because these may cause damages to the gasket.

Precautions

- Prevent stretch it excessively when placing. If it does not fit, then it is not the size or proper design.
- Do not use soapy water or detergent, greases or lubricant oils for installation.
- Prevent punctions with screws or any sharp element.

Limitations

- The vinyl gasket is not compatible for sealing some plastics specially the polycarbonates.
- It is not recommended the use of vinyl gasket for integral facades (use TPV gaskets).

Presentation

- Rolls of 10 kg.
- Rolls of 5 kg, for screen mesh complement and some "fungus".

Colors

- White
- Black
- Gray
- Smoke*
- Crystal

**Special colors and presentations only on request*

Performance

The yield of the vinyl gasket is different on every design (code) request to the technical department.

Shelf Life

12 months in cold and dry warehouse in its original packaging at temperatures of 21 °C (70 °F) and 50% relative humidity.

Technical Support

Productos Pennsylvania's Technical Support is at your service, assisting you with:

Guidance in how to apply this or any of our products.

Blueprint reviews.

Joint dimension calculus.

Compatibility and adhesion testing of our sealants with different materials.

NOTE:

Productos Pennsylvania S.A de C.V. provides technical assistance when required. Please contact our Technical Department regarding use and application of this product. It is the user's responsibility to test the product and its uses before application.

Productos Pennsylvania, S.A. de C.V.

Camino a San José 1, Fracc. San Pablo Tecnológico, C.P. 76150, Querétaro, Qro. México

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the caulking expert

