

BUTILSET®

butyls

Technical Data Sheet

RTV 100 is a sealant for assemblies with sticky paste form of high adherence with non-vulcanized butyl rubber base.

Product Data

PROPERTIES	VALUE	TEST METHOD
Chemical base	Butyl	
Aspect	Soft Paste	
Density	1.52 g/ml	ASTM D-792-20
Runoff	4 mm max.	ASTM D-2202-00(2019)
Application temperature	41 °F to 104 °F	
Working temperature	23 °F to 140 °F	
Solids percentages	70% minimum	ASTM C-1246
UV Resistance	Good	ASTM – G-154

Information obtained from laboratory tests.

Uses

BUTILSET® has been designed for:

- Seal corners and intersections of aluminum in prefabricated windows.
- Settle aluminum molding or edge on the floor.
- Seal overlaps of sheets and lining in the assembly of industrial equipments of ventilation and refrigeration.
- Seal bodywork of trucks, trailer homes, and prefabricated houses.
- Settle metallic molding on car bodywork.
- Seal of tail lights of cars.

Advantages

- It adheres on any dry surface.
- It remains with the same plastic, sticky, non-vulcanized consistency without varying with time.
- Form a light film.
- It does not harden or dry.
- Waterproof to the pass of water, air and water vapor.
- Allow seal assemblies of different plastic and metallic substrates with possibility of dismounting in the future.
- Help to prevent galvanic corrosion limiting the contact between two metals.

Application

Some substrates could require grinding or cut by manual/mechanical means to produce a firm and clean surface. The surfaces to be sealed shall be firm, dry, clean free of dust, grease, oil, water and old sealant. Smooth surfaces (like glass, metal, etc.) it shall be done a cleaning with two cleaning clothes, consisting in passing a (lint free) cleaning clothe impregnated with isopropyl alcohol, and removing immediately all the impurities with a clean and dry cleaning clothe. Place a masking with masking tape on the surfaces to limit the area to be sealed. Place a masking on the surfaces to limit the area to be sealed. Introduce **BUTILSET®** in a caulk gun, cut the upper part of the cartridge, then place the pipette and cut at 45° calculating the width of the joint to be sealed. Pull the trigger to press the piston and the product will flow on the joint. Apply the sealant like a cord on the surface to be sealed. Proceed with the corresponding assemblies.



Recommendations

- Perform tests under actual application conditions to guarantee its proper operation.
- It is recommended that the product remains confined and not exposed.
- Use proper safety equipment, like gloves, safety glasses or the specified by your company.

Maintenance

- No maintenance required.
- If the seal is damaged, replace the damaged section, cleaning the surface with chemical or mechanical means before applying the new sealant.

Precautions

- Prevent its application outdoors or that the product is exposed due it could harden.
- Does not apply the product in excess due it could strain.
- In car bodywork industry before painting, let the product form the film.

Limitations

- In continuous contact with solvents, oils and concentrated acids.
- In joints exposed to weather, due they trap dust.
- Totally exposed, due it suffers deterioration or could strain.

Presentation

Packaging and Colors



- White
- Gray*



- White

* Special colors only under request.

Coverage

A cartridge yields 7.75 m, in joints of 6 x 6 mm, considering a 7% waste.

Shelf Life

18 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.

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the caulking expert

