

BUTILSET®

technical data sheet · industry

BUTILSET® is a not vulcanized butyl rubber high adherence sealant presented as a sticky paste that prevents materials from corrosion.

Product Data

| PROPERTIES | VALUE | TEST METHOD |
|--------------------------------|------------------------|------------------------|
| <i>Basis</i> | <i>Butyl</i> | |
| <i>Appearance</i> | <i>Paste</i> | |
| <i>Density</i> | <i>1.52 ± 0.1 g/ml</i> | <i>ASTM-D-792-91</i> |
| <i>Sag / Slump</i> | <i>3mm max.</i> | <i>ASTM D-2202-93a</i> |
| <i>Application temperature</i> | <i>5°C to 40°C</i> | |
| <i>Service temperature</i> | <i>-5°C to 60°C</i> | |
| <i>Solids</i> | <i>70% minimum</i> | <i>ASTM-C-1246</i> |
| <i>U.V. Resistance</i> | <i>Good</i> | <i>ASTM-G-154</i> |

Information obtained from laboratory tests.



Uses

- Seal aluminum molding joints in workshop glazing (E.E.).
- Seal corners or intersections in aluminum prefabricated windows.
- Place aluminum rowlocks or moldings on the floor.
- Set aluminum and coating sheets and its overlaps when assembling industrial, ventilation, and freezing equipment.
- Seal bus, trailer and hut bodyworks.
- Set aluminum moldings on bodyworks.
- Seal taillights.

Advantages

- It adheres to any dry surface.
- It maintains permanently plastic, non-vulcanized.
- Forms a slight skin over time.
- It does not hardens or dries.
- Water, air, and vapor proof.
- Allows sealing plastic or metal assemblies that may be detached in the future.
- Helps preventing galvanic corrosion by limiting metal contact.

Application

Make sure that surfaces about to seal are dry, clean, and free from dust, saltpeter, oil, or old sealant. Some substrates could require being cut or grinded in order to achieve a steady surface. Clean using a no lint rag wet with a free from oil solvent such as isopropyl alcohol, right after cleaning wipe the surface using a second dry rag (it is not recommended to leave the solvent dry by itself). Do not use thinner or turpentine for they may contain oil.

All loose particles must be removed before applying the adhesive.

Place **BUTILSET®** in the caulking gun, cut the upper part of the cartridge, then place the nozzle and cut it in a 45° angle calculating the joint width. Push the gun's trigger pumping the product towards the joint.

If you have **BUTILSET®** in the bucket presentation, fill a bulk.

Recommendations

Productos Pennsylvania S.A. de C.V. recommends testing under real application conditions to ensure the product's correct performance.

- Make sure the product stays confined, avoid it's exposure.
- Use the adequate safety equipment such as gloves, safety glasses or any other required by your company.

Maintenance

It does not require any maintenance, however if the seal suffers any damage, clean the surface before applying and replace the damaged section with new sealant.

Precautions

- Do not apply outdoors or leave exposed for it may harden.
- When applied excessively it may drain off.
- Allow it to form skin before painting.

Limitations

- In continuous contact with solvents, oils or acids.
- Sealing outdoor exposed joints, it catches dirt or dust.
- Applied totally exposed, it may drain and deteriorates.

Presentation

Packaging and Colors



- White
- Gray*



- White

*Special colors on request

Coverage

One cartridge lasts 7.75 m, in 6 x 6 mm joints, considering a 7% waste.

Shelf life

12 months kept in a fresh and dry storage, in its original packaging at a 21°C (70°F) temperature and 50% of atmospheric moisture.

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.

Soporte técnico: **01 800 90 210 00**
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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.