



PIB6510 Efficient Sealant

PIB6510 efficient sealant's base material is butyl rubber. Has excellent conformability to adhesive materials' thermal expansion or shrink and mechanical deformation. Has excellent barrier property and UV resistance, and solvent-free, no shrink, permanent plasticity.

PIB6510 could be used as an edge seal sealant for glass-glass PV module, thin film PV module, construction seal, etc.

Technology / Base	Butyl
Type of Product	Adhesive
Components	One component
Curing	No
Appearance / Color	Black
Consistency	Paste

Features and Benefits

- Low Moisture permeability
- Bond to a variety of substrates
- Excellent barrier property
- Permanent plasticity

Curing Profile

No cure

Please contact your local Sales Office for available packaging options.

Disposal Advice

Please refer to the MSDS for disposal instructions.

Safety Advice

Please refer to the MSDS for safety advice.

Application Instructions

1. Coating surface area should be clean and free of any fluxes, residues, dust or any other contaminants.
2. Open the butyl tape slowly and spread it on the substrate, or use the hot melted gun to extrude sealant on the substrate's surface, and then press the sealant sequentially to adhere to the substrate.
3. Select the appropriate operation process according to the actual condition and application requirement.

Storage Conditions

Ideal storage condition is in dry and cool place in original package. The shelf time is 12 months.

Typical Packaging



Technical Data

Properties	Value	Condition/Method
Density (g/cm ³)	1.30 ± 0.05	23°C/ GB/T533
Application temperature	-40°C-90°C	---
Volatiles(105°C/24h)	≤0.5%	---
Needle penetration(1/10mm, 100g, 5s)	80 ± 10	23°C/ GB/T4509
Initial adhesion(rolling ball method, ball/28#, mm)	≤40	23°C/ GB/T4852
Peel strength(width/25mm, thickness/2mm, aluminum/steel, 50mm / min, N / mm)	≥0.4	23°C/---
Moisture permeability(, thickness/1mm, g/m ² · d)	≤1	23°C/GB/T26253
Volume resistivity (Ω cm)	≥10 ¹⁵	23°C/ GB/T1692

Date Modified: 24/05/2018

Connecting what matters.™

IMPORTANT: Information, specifications, procedures and recommendations provided ("information") are based on our experience, and we believe this information to be accurate. No representation, guarantee or warranty is made as to the accuracy or completeness of the information or that use of the product will avoid losses or damages or give desired results. It is purchaser's sole responsibility to test and determine the suitability of any product for the intended use. Tests should be repeated if materials or conditions change in any way. No employee, distributor or agent has any right to change these facts and offer a guarantee of performance.

© and ™ are trademarks of H.B. Fuller Company or one of its affiliated entities.



NOTE TO USER: by ordering/receiving product, you accept the H.B. Fuller General Terms and Conditions of Sale applicable in the region. Please request a copy if you have not received this documentation. These Terms and Conditions contain disclaimers of implied warranties (including but not limited to disclaiming warranties of fitness for a particular purpose) and limits of liability. All other terms are rejected. In any event, (1) the total aggregate liability of H.B. Fuller for any claim or series of related claims, however arising, in contract, tort (including negligence), breach of statutory duty, misrepresentation, strict liability, or otherwise, is limited to replacement of affected products or refund of the purchase price for affected products. (2) H.B. Fuller shall not be liable for loss of profit, loss of margin, loss of contract, loss of business, loss of goodwill, or any indirect or consequential losses arising out of or in connection with product supply. (3) Nothing in any term shall operate to exclude or limit H.B. Fuller's liability for fraud, gross negligence, death, or personal injury caused by negligence, or for breach of any mandatory implied terms unless permitted by law.