3M Science. Applied to Life.™

3M Industrial Design and Assembly Solutions for Solar Panels

Make Your Design Flexible

3M offers a broad range of high performance and speciality adhesives and tapes that provide structural strength, water and heat resistance, and long-term durability in outdoor weather conditions. Our innovative and reliable solutions are ideal for various installation environments, helping to control costs, speed assembly and potentially improve product reliability.



Application of 3M Industrial Design and Assembly Solutions for Solar Panels

General solar panel mounting



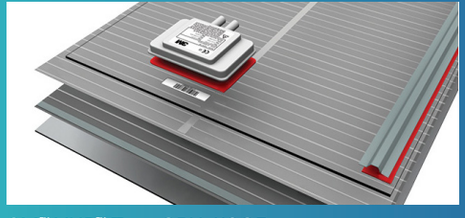
3M™ VHB™ Tape GPH-110GF
3M™ Scotch-Weld™ Acrylic Adhesive DP8507NS

Flexible solar panel fixing



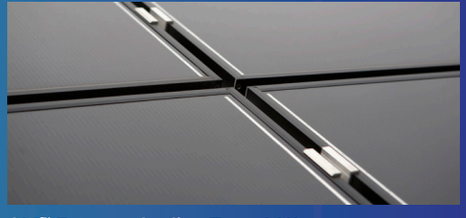
3M™ VHB™ Tape GPH-110GF
3M™ Adhesive Sealant 760 UV

Fixing parts (Junction box, etc)



3M™ VHB™ Tape GPH-110GF
3M™ Dual Lock™ Reclosable Fastener SJ3550CF
3M™ Scotch-Weld™ Acrylic Adhesive DP8507NS

Waterproof sealing

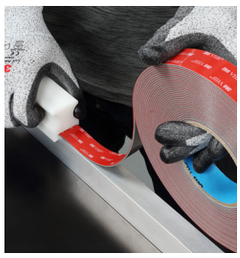


3M™ Extreme Sealing Tape 4411+
3M™ Adhesive Sealant 760 UV

Visit Website

Ask 3M Expert

3M Industrial Design and Assembly Solutions for Solar Panels



3M™ VHB™ Tape

- One-step sealing (bonding & sealing)
- Quick and high bonding strength to various substrates
- Long-term weather resistance

3M™ VHB™ Tape GPH-110GF
3M™ VHB™ Tape 4910



3M™ Dual Lock™ Reclosable Fastener

- Easy application with interlocking mushroom-shaped head
- 5X the tensile strength of hook-and-loop products (up to 1,000 repeatable)
- Temperature, moisture and UV resistant

3M™ Dual Lock™ Reclosable Fastener SJ3550CF



3M™ Extreme Sealing Tape

- Immediate seal with no wait time
- Sticks on contact to many metals, plastics and hard-to-stick-to surfaces
- Excellent sealing qualities and good outdoor durability

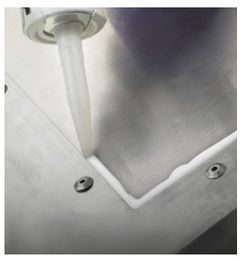
3M™ Extreme Sealing Tape 4411+



3M™ Scotch-Weld™ Structural Adhesives

- Bonds to bare, oily metals, as well as plastics
- High impact strength with versatile application
- Offers up to 7 minutes of project adjustment time

3M™ Scotch-Weld™ Acrylic Adhesive DP8507NS
3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP8710NS



3M™ Adhesive Sealant

- UV resistance, long term durability, and weather resistance
- Bonding dissimilar surfaces with long-lasting durability
- Offers design flexibility

3M™ Adhesive Sealant 760 UV

Why choose 3M?

Improve Productivity

No drilling and finishing is required for bolting or welding.

Enhance Durability

Suitable for harsh outdoor environments. Adhesive strength withstands vibration and impact.

Cleaner Aesthetics

Smoother and cleaner appearance than traditional fastening methods.

Lightweighting

Stress distribution allows for use with lighter thinner substrates.

One-step sealing

For both adhesion and waterproofing at the same time.

Reduce costs

Simple and fast application, long-term durability and no additional waterproof supplements.

Limited Warranty & Limitation of Liability: 3M warrants this product will meet 3M specifications at the time of 3M shipment. If there is a breach of this warranty, your exclusive remedy shall be product replacement or repair, or refund of purchase price. 3M will not be liable for any direct, indirect, special, incidental, or consequential damage related to the product. For industrial/occupational use only. Not for consumer sale or use.

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