

3M Science.
Applied to Life.™

3M™ Screen Printable Pressure Sensitive Adhesive SP-7202

Features, Advantages, Benefits



Design Flexibility



Static Shear Strength



Water Resistance



Chemical Resistance



Reduce Labor



Reduce Waste

Application Ideas



Membrane Switch



Electronics



Battery Labels



Graphic Overlay



Automotive Attachment



Building and Construction

3M™ Screen Printable Pressure Sensitive Adhesive SP7202

Precision and efficiency with the performance of tape.

3M™ Screen Printable Pressure Sensitive Adhesive SP7202

Precisely print pressure sensitive adhesive on parts using conventional screen printing and UV curing equipment – and achieve the performance of tape. Now fabricators can use additive manufacturing to rapidly fulfill orders while minimizing process waste.



Graphic Overlay:

Bond printed polycarbonate to metal.

Enhance how you fabricate parts with an accurate additive process.

Increase efficiency by reducing the need to order hard tooling, die cut parts and extract waste. Improve how you fabricate parts with bond lines as narrow as 0.5mm and hole diameters as small as 1mm. Rapidly fulfill orders while minimizing process waste using this additive manufacturing process.



Efficient

Reduces the need to die cut parts and extract waste.



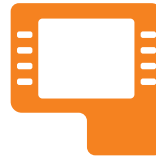
Accurate

Bond lines as narrow as 0.5mm and hole diameters as small as 1mm.



Fast

UV curable in 1-2 seconds.



Bond plastic to metal.

Hold it all together with
3M Screen Printable Pressure
Sensitive Adhesives SP7202



Key product benefits:

- Excellent adhesion to polycarbonate, polyester and higher surface energy (HSE) materials
- Reduces waste
- High static shear strength at 70°C
- Water and chemical resistant
- Offers more flexibility when designing and fabricating parts
- UV curable in 1-2 seconds
- Long open times
- Wide range of storage temperatures

Print directly onto parts with existing equipment.

Utilize existing screen printing and UV curing equipment and get printing with 3M™ Screen Printable Pressure Sensitive Adhesive SP7202. This product is 100% solids and allows you to print directly onto parts. There's no die cutting, so waste is greatly reduced.



1

Validate UV cure chamber conditions.



2

Inspect and install screen.



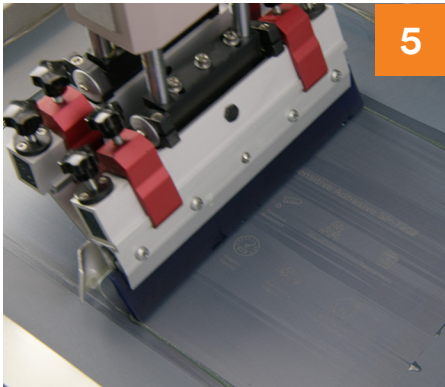
3

Inspect and install squeegee.



4

Apply adhesive to screen.



5

Initiate the print cycle. Precise application of adhesive to your part design.



6

Transfer printed design to UV cure chamber.



7

Part can be bonded immediately or a release liner can be added.



8

Clean up is quick and easy.

New ways to build. Endless possibilities.

Because it is screen printed directly onto the part, 3M™ Screen Printable Pressure Sensitive Adhesive SP7202 opens up a world of possibilities.

Membrane switches

Provides superior bond retention required to endure a million switch actuations.

Electronics

With bond lines as narrow as 0.5mm, it's possible to screen print on smaller parts.

Graphic overlays

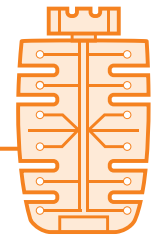
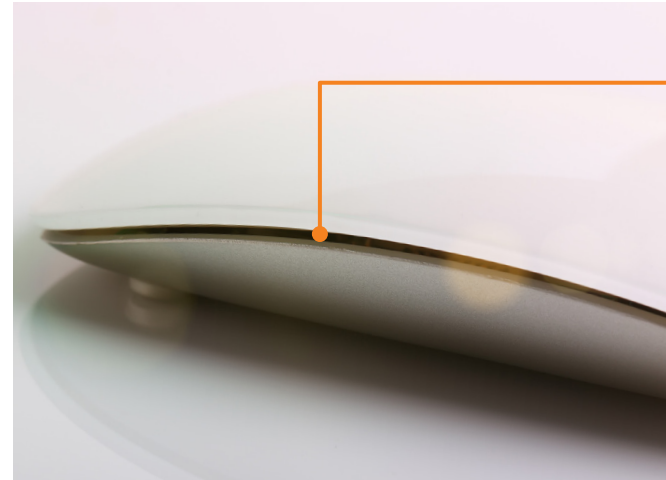
Screen print directly onto the most intricate parts.

Flexible printed circuits

Adhere flex circuits directly to a substrate.

General industrial

High performance adhesive suitable for wide variety of applications.



High shear strength bonding of flexible printed circuits in computer mouse.



Bond printed circuit board to glass.

Product	Adhesive Type	% Solids	Cure Mechanism
3M™ Pressure Sensitive Screen Printable Adhesive SP7202	High Performance Acrylic	100%	UV
3M™ Pressure Sensitive Screen Printable Adhesive SP7555	LSE Acrylic	100%	UV
3M™ Pressure Sensitive Screen Printable SP7533	Water-Based Acrylic	50%	Ambient or Heated Drying



Solventless Technology

3M™ Screen Printable Pressure Sensitive Adhesive SP7202 with 3M™ Acrylic Adhesive is made with a solventless technology that provides a number of sustainable manufacturing advantages:

- Increased throughput and decreased labor
- Minimal liner waste and no die cutting
- UV-curable

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Industrial Adhesives and Tapes Division

3M Center
 Building 225-3S-06
 St. Paul, MN 55144-1000
 Phone 1-800-362-3550
 Web 3M.com/converter