



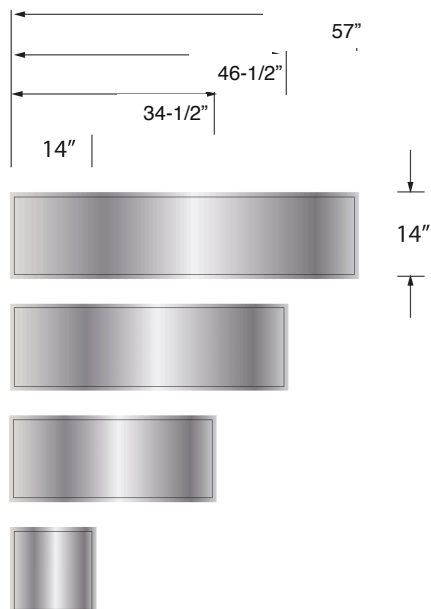
Transolid Stainless Steel Storage Pods Installation Instructions

Covers horizontal pods STH1414, STH3414, STH4614, STH5714 • vertical pods STV3414, STV4614, STV5714
lighted pods (STHL / STVL) • Storage Pod Back Wall Panels (SPBPH / SPBPV)

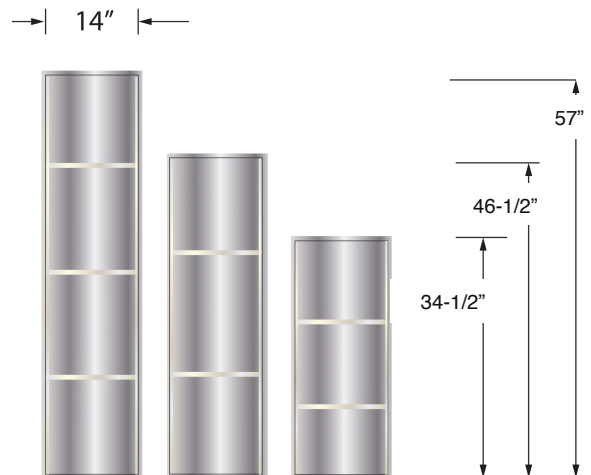
Record your model number here (printed on the side of the carton): _____

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STH — Horizontal Storage Pods



STV / STVL — Vertical Storage Pods



Overall pod dimensions are shown above. For wall-opening sizes, see the Cut-Out Dimensions table on page 3 — always cut the opening to the cut-out dimensions, not the overall dimensions.

READ AND UNDERSTAND BEFORE INSTALLING

Form #SP-8.26

1 Safety Guidelines

WARNING — Indicates a hazard that can result in serious personal injury or death if these instructions are not followed.

CAUTION — Indicates a hazard that can result in minor or moderate personal injury if these instructions are not followed.

IMPORTANT NOTICE — Indicates that equipment or property damage can result if these instructions are not followed.

Before You Begin

Read and Understand This Manual

Read all instructions before you begin, and save these instructions for the end user. Anyone who installs or maintains this product is responsible for fully understanding and following proper installation and maintenance procedures, and for reading and understanding all Warnings, Cautions, and Important Notices in this manual. Do not proceed if any doubt arises about the correct or safe method of performing any step in this or any other Transolid® manual — if necessary, hire or consult a trained professional before continuing.

Observe Local Codes

Observe all local plumbing and building codes.

Inspect Before You Install

Inspect the storage pod for damage before installing it. Do not install a damaged product — installing a damaged product voids the Limited Warranty (see page 7). Inspect the wall as well: never install a pod over a damp wall or an existing mold condition.

WARNING — Lifting Hazard

According to the National Institute for Occupational Safety and Health (NIOSH), the recommended maximum safe lifting weight is 51 pounds. That figure assumes ideal lifting conditions: minimal forward reach, a steady load held close to the body, a straight back, the load between knees and shoulders, and a good grip. The box containing a Transolid® storage pod can weigh more than 100 pounds, depending on pod size. Always use proper lifting techniques and appropriate lifting devices, and use two people to move any carton weighing more than 51 pounds. Never attempt to lift a load you cannot handle safely — get help.

CAUTION — Personal Protection

Use all personal protective equipment needed to ensure your own safety, such as sturdy work boots (preferably steel-toed), gloves, and, if necessary, a hard hat. To avoid eye injury, always wear protective glasses with side shields when using power tools, and make sure no one else can be injured by flying particles. To prevent damage to your hearing, always wear ear protection, such as earmuffs or earplugs, when working around power tools.

CAUTION — Slipping Hazard

Do not install this product on wet surfaces. Water or spilled fluids can cause you to slip and fall, resulting in personal injury. Before installation, dry all surfaces, including the floor, with a cloth or paper towel. Clean up all water and spilled fluids immediately.

Use Proper Tools

Always use proper tools that are in good working condition when installing Transolid® products. Using tools other than those listed could damage this product or your home, including floors, pipes, and walls, and could result in water damage.

When Cutting or Drilling

WARNING — Cutting Hazard

Installing a Transolid® product may require power tools. Do not use power tools without adequate training, and never operate a power tool in an unsafe manner. Keep hands away from the cutting edge of any tool used to install this product — placing fingers in or around a cutting blade could result in serious personal injury.

CAUTION — Sharp Edge Hazard

The edge of a Transolid® panel can be sharp after it is cut. Wear protective gloves to prevent personal injury.

WARNING — Electrical Hazard

Before cutting into a wall, make sure no electrical wiring or plumbing is present, and test for live circuits and wiring inside it. Make sure all related circuit breakers are turned OFF before you cut. Always follow the electrical safety recommendations of the power tool's manufacturer: connect power tools and cords only to a circuit protected by a ground-fault circuit interrupter (GFCI), and if an extension cord is required, use an OSHA-approved cord. Keep all liquids away from electrical cords and power tools, never use electric power tools around water or condensation, and never touch a source of electricity and a liquid at the same time — liquids conduct electric current and can create a short circuit through your body. Electric shock can cause severe burns, significant injuries, and even death.

WARNING — Dust Hazard

When cutting or drilling a Transolid® product, use a dust collection method that keeps dust particles out of the air. Always work in a well-ventilated area. Always wear an OSHA-approved dust mask when cutting, drilling, or sanding Transolid® products.

When Bonding and Sealing

IMPORTANT NOTICE — Do Not Use Nails or Screws

Mount the storage pod to the wall with 100% clear silicone sealant only. Never use hammers, nails, or screws. They can damage the pod and puncture Transolid® Wall Systems and Panels, allowing water or other damage to reach floors, pipes, walls, or other portions of your building or home.

IMPORTANT NOTICE — Wall Surface Preparation

Follow all instructions for wall surface preparation. Failure to follow them could cause the pod to detach from the wall after installation, resulting in personal injury or water damage.

Sealant Storage

Consult the 100% clear silicone sealant manufacturer's instructions for storage and surface preparation. Sealant that has been frozen or exposed to extreme heat may fail to bond. Failure to follow these instructions could weaken the silicone sealant that holds the pod to the wall. If the pod is not correctly adhered to the wall, it may fall off, causing possible injury to someone in or around the shower enclosure.

WARNING — Fire Hazard

Flammable liquids and silicone sealants can cause fire, and when not used properly, cleaners and solvents can be highly explosive — personal injury or death can result. Clean up any flammable substance immediately. Sparks or open flames can cause flammable substances to ignite. DO NOT smoke while working on or near any flammable substance.

WARNING — Fumes and Ventilation

Follow all manufacturers' safety instructions for silicone sealants and denatured alcohol. Alcohol vapors are both flammable and hazardous to breathe, and silicone vapors may irritate the eyes and nose. Fumes from silicone sealants and solvents can be harmful in an unventilated room. Ventilate the work area before applying silicone sealants, cleaning agents, or solvents: open windows and use exhaust fans. If adequate ventilation is not achievable or practical, use respiratory protective equipment.

CAUTION — Glass Shelf Handling

Vertical storage pods include tempered glass shelves. Handle them with care. Never install a chipped, cracked, or otherwise damaged shelf, and never force a shelf into a shelf clip that is not fully open (see Section 10) — forcing the glass can chip or break it.

2 General Information

Transolid® stainless steel storage pods are recessed storage compartments that install into a shower or tub wall between the wall studs. Horizontal pods (STH) run across the wall; vertical pods (STV) run up the wall and include tempered glass shelves. Lighted pods (STHL / STVL) are lined with solid surface material and have waterproof LED light strips along both side walls. A motion sensor built into the pod turns the lights on, and power is supplied by a rechargeable 12V battery pack stored inside the pod.

An optional color-matched Storage Pod Back Wall Panel (SPBPH / SPBPV) is available to match the pod's interior to your Transolid® shower wall pattern. If your order includes one, see Section 8 before installing the pod.

3 Tools and Materials

Tools

- Circular saw with a 60- to 80-tooth carbide blade
- Saber saw (straight up-and-down travel) with a bi-metal blade (14 teeth per inch)
- Drill with a 3/8" bit
- Tape measure
- Level
- Caulking gun

Materials

- 100% clear silicone sealant — one tube, sized to fit a standard caulking gun
- Masking tape (2" wide works best)
- Clean paper towels or shop towels
- 2 x 4 lumber for headers (see Section 7, Step 2)
- Denatured alcohol

4 Kit Contents

Confirm that all parts listed below are included before beginning installation.

- **STH Horizontal Storage Pod** — pod only
- **STV Vertical Storage Pod** — pod and tempered glass shelves with locking shelf clips: STV3414 and STV4614 include two glass shelves; STV5714 includes three
- **Lighted Storage Pod (STHL / STVL)** — pod with installed LED light strips, a 12V battery pack, and a micro USB charging cable; vertical lighted pods also include glass shelves and locking shelf clips as above
- **Storage Pod Back Wall Panel (SPBPH / SPBPV, if purchased)** — color-matched panel for the recessed back of the pod

5 Unpacking

- Use care when opening the box so that you do not damage the pod.
- Every product is inspected before shipment. After you receive the kit, unpack it carefully and inspect the pod for shipping damage. If damage is found, report it immediately to the store of purchase.
- After inspecting the pod, move it to another room or a protected area until you are ready to install it, so that other construction work does not damage it.
- The model number is printed on the side of the carton — record it on the cover of this manual, and have it ready when you contact us with installation questions.

6 Preparation

- Read these instructions carefully and familiarize yourself with the various parts of the kit.
- The mounting surface must be free of dirt, film, waxes, and any other residues.
- The sub wall behind the wall panel may be either cement board or water-resistant greenboard.
- Install the wall panel and make sure it is fully supported by the wall before cutting the opening for the storage pod.
- Position the storage pod between the wall studs.
- For lighted pods, fully charge the battery pack before installing the pod (see Section 9).

7 Installing the Storage Pod

Applies to all models — STH, STV, and lighted (STHL / STVL) pods.

1. **Choose the location.** Determine where the storage pod will be located and mark the cut-out dimensions on the wall, using the table below. Cut-out dimensions are smaller than the overall pod dimensions shown on the cover — always cut to this table.

Horizontal Storage Pods			Vertical Storage Pods		
Model No.	Width	Height	Model No.	Width	Height
STH5714	56"	13"	STV5714	13"	56"
STH4614	45-1/2"	13"	STV4614	13"	45-1/2"
STH3414	33-1/2"	13"	STV3414	13"	33-1/2"
STH1414	13"	13"			

Lighted pods (STHL / STVL) use the same cut-out dimensions as the corresponding STH / STV model.

2. **Install headers.** For additional bracing, cut 2 x 4 lumber to fit between the wall studs on each side of the opening. Fasten one horizontal 2 x 4 header between the studs above the opening and one below it, so the wall panel and storage pod are supported on all sides. (See the figures on page 4.)

Section 7 continues on page 4 ►

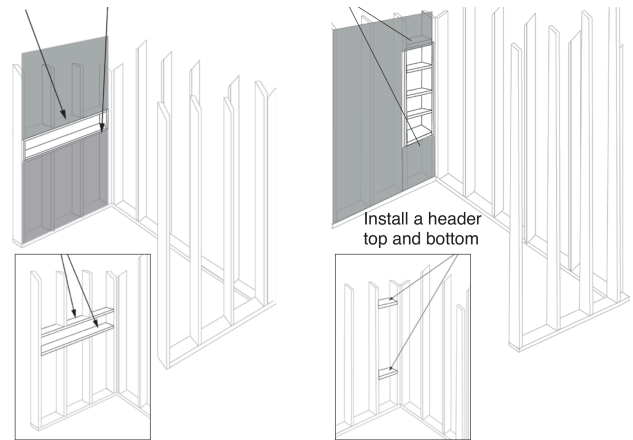
7 Installing the Storage Pod — *continued*

3. **Cut the opening.** Place pieces of masking tape over the area where the saw contacts the finished surface of the wall panel. Cut through both the wall panel and the sub wall using a circular saw with a 60- to 80-tooth carbide blade, or a saber saw with a bi-metal blade (14 teeth per inch).

WARNING — Dust Hazard: use dust collection, work in a well-ventilated area, and wear an OSHA-approved dust mask (see Section 1).

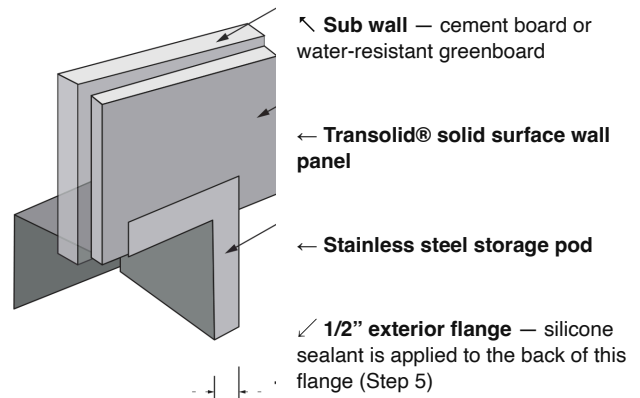
4. **Dry-fit the pod.** Make sure the wall surface is clean and dry. Dry-fit the storage pod in the cut-out area to confirm the opening is correct.
 5. **Apply the sealant.** Apply 100% clear silicone sealant to the back of the 1/2" exterior flange that surrounds the pod.
- WARNING — Fumes:** ventilate the work area before applying sealants or solvents (see Section 1).
6. **Set the pod.** Insert the storage pod into the cut-out area. Make sure the storage pod is straight and level.
 7. **Tape until cured.** Apply masking tape to hold the storage pod to the wall until the sealant is dry. The drying time is printed on the sealant tube. Allow the sealant to cure for at least 24 hours before using the shower or placing items in the pod.
 8. **Finish.** When the job is complete, inspect all caulked areas for gaps and fill them as needed. Use denatured alcohol and a clean cloth to remove any remaining excess silicone.

Header Placement



Horizontal 2 x 4 headers installed between the wall studs above and below the opening — horizontal pod (left), vertical pod (right). Insets show the headers before the pod is installed.

Transolid® Storage Pod Detail



8 Installing the Back Wall Panel

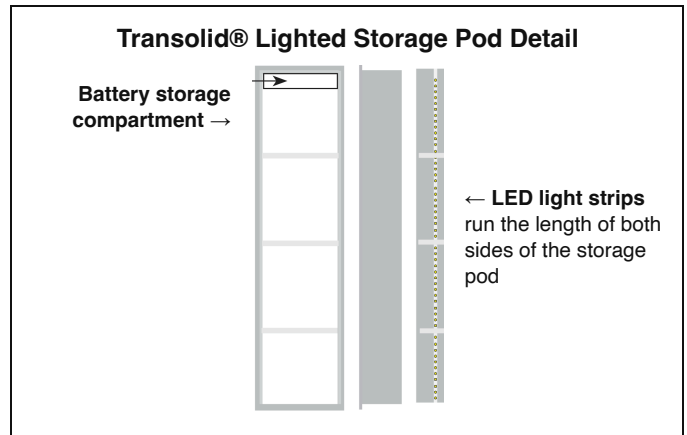
Applies only if a color-matched Storage Pod Back Wall Panel (SPBPH / SPBPV) was included with your order. If your pod did not ship with a back wall panel, skip this section.

1. **Install the panel first.** Install the back wall panel before installing the storage pod into the wall. Bond the panel with the pod laying face down on a clean, protected surface.
2. **Dry-fit the panel.** Dry-fit the back wall panel into the recessed back of the storage pod before applying any sealant. The panel should sit flat and fully within the recess.
3. **Trim if needed.** If the panel does not fit within the recess, it can be trimmed for a proper fit. Place masking tape over the cut line, then cut the panel using a circular saw with a 60- to 80-tooth carbide blade, or a saber saw with a bi-metal blade (14 teeth per inch). Re-check the fit before continuing.
4. **Clean the recess.** Clean the recessed back of the storage pod with denatured alcohol and a clean cloth to remove all dirt, dust, oils, and debris. The surface must be clean and completely dry before bonding.
5. **Apply the sealant.** Apply 100% clear silicone sealant to the recessed back of the storage pod in a continuous zigzag pattern across the entire back surface.
6. **Set the panel.** Press-fit the back wall panel into the recessed back of the pod. Seat the panel evenly and confirm it is fully bedded in the silicone.
7. **Tape until cured.** Apply masking tape (2" wide works best) to secure the panel to the storage pod until the sealant is dry. The drying time is printed on the sealant tube. Do not disturb the panel until the silicone has fully cured.
8. **Clean up.** Remove any excess silicone using denatured alcohol and a clean cloth.

9 Lighted Storage Pods

Applies to lighted models (STHL / STVL) only.

1. **Charge the battery first.** Fully charge the 12V battery pack with the supplied micro USB cable before installing the pod.
2. **Install the pod.** Follow the installation procedure in Section 7.
3. **Install the battery.** After the pod is installed in the wall, remove the cover from the battery storage compartment. Connect the charged battery pack and press it onto the magnetic plate inside the compartment, then reinstall the cover.
4. **Operation.** A motion sensor built into the storage pod turns the LED lights on. The light strips are waterproof and run the length of both sides of the pod.
5. **Recharging.** When the battery needs recharging, remove the compartment cover, pull the battery pack free of the magnetic plate, disconnect it, and charge it with the supplied micro USB cable. Reconnect the charged pack, seat it on the magnetic plate, and reinstall the cover.



10 Installing the Glass Shelves

Applies to vertical storage pods (STV / STVL) only. STV3414 and STV4614 include two glass shelves; STV5714 includes three.

- 1. Locate the pre-drilled holes.** The side walls of the pod are pre-drilled at the factory. At each shelf position there is a pair of holes in each side wall, and all four holes are drilled level to one another. Each glass shelf is supported by four locking shelf clips — two per side. No additional drilling is required.
- 2. Insert the shelf clips.** Each locking shelf clip has a shelf pin on its back side. The pin seats into a pre-drilled hole in the pod side wall. *Optional:* before inserting the clips, place a small dab of 100% clear silicone sealant into each hole. The silicone seals the hole against water intrusion and helps hold the pins in place while the shelf is being installed.
- 3. Note the rubber cushion.** Each clip includes a soft rubber cushion where the glass sits in the clip, so the shelf never rests metal-to-metal. The cushion is a permanent part of the clip — do not remove it.
- 4. Open the clips.** Locking shelf clips often ship with the adjustment fully closed. In this position there is not enough clearance to insert the glass shelf. On the face of the clip opposite the shelf pin there is a raised rectangular button marked with an up arrow (Fig. A). Press in on this button and, while holding it depressed, pull the shelf adjustment open (Fig. C).
- 5. Set the shelf.** With all four clips open, set the tempered glass shelf into the clips. Make sure the shelf is fully seated and level on both sides.
- 6. Lock the clips.** Press each clip closed until it locks. The clip closes onto the glass and holds the shelf securely in place.

CAUTION — Glass Shelf Handling: never force a shelf into a clip that is not fully open (see Section 1).

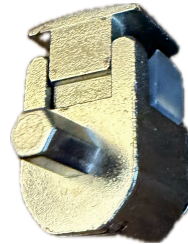
11 Care and Cleaning

- Clean stainless steel and solid surface components with mild soap and warm water using a soft cloth. Rinse and wipe dry.
- Do not use abrasive cleaners, scouring pads, or steel wool, and avoid cleaners containing bleach or chlorine.
- Inspect the caulked joints around the pod periodically. If a joint cracks or separates, remove the damaged sealant and reseal with 100% clear silicone sealant.
- For complete guidance, see the Transolid Care and Maintenance Guide at www.transolid.com.

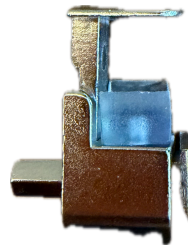
Transolid® Locking Shelf Clip Detail



A — Front face. Press and hold the raised button marked with the up arrow to release the adjustment. The shelf pin is on the opposite (back) side.



B — Pin side. The shelf pin seats into a pre-drilled hole in the pod side wall. The blue rubber cushion supports the glass.



C — Clip open. With the button depressed, the adjustment pulls open to give clearance for the glass shelf. Do not remove the rubber cushion.

12 Troubleshooting

Problem	What to check
Lights do not turn on	Confirm the battery pack is charged, connected, and seated on the magnetic plate, and that the compartment cover is properly installed.
Shelf clip will not accept the glass shelf	The clip is not fully open. Press the release button marked with the up arrow and pull the adjustment fully open (Section 10, Step 4).
Pod is not level after insertion	Adjust the pod before the sealant cures, checking with a level across the flange.
Gaps at the flange after installation	Fill with 100% clear silicone sealant and re-inspect after curing.

13 Warranty Information

WARRANTY Storage Pods - 10 Years Ltd. Residential / 3 Years Ltd. Commercial

TRANSOLID, Div. expressly warrants its products as listed above to be free of defects in material and workmanship, subject to the limitations set forth in this Limited Warranty. Each product will function for the purpose for which it was designed for the time period designated above, measured from the date of purchase by the original purchaser, provided it has been installed in accordance with the installation instructions provided by TRANSOLID, Div., used as recommended, and not damaged due to excessive heat or abuse.

This warranty does not cover replacements and/or corrections caused by misuse, improper maintenance or normal wear and tear, acts of nature, scratches, chips or damage caused by failure of any adhesive, caulk or other accessory, or failure of any caulked or filled joint or seam. Installation of a product that was damaged prior to installation voids this Limited Warranty. This Limited Warranty covers the product for normal interior use in the United States, Mexico and Canada and does not cover the product moved from its original place of installation. Labor charges incurred during any installations are not included under this Limited Warranty.

TRANSOLID, Div. will, at its option, repair, replace, or refund the purchase price of the product to the original purchaser if a TRANSOLID, Div. product fails due to a TRANSOLID, Div. manufacturing defect, which is discovered during the warranted years as listed above after the initial purchase. Replacements and/or corrections are at the sole discretion of TRANSOLID, Div. and will be limited in scope to a reasonable and equitable remedy.

This Limited Warranty applies to TRANSOLID, Div. products that are purchased after January 1, 2011 and maintained as described in TRANSOLID's care and maintenance guide. (If needed, the care and maintenance guide can be found on the TRANSOLID website at www.transolid.com.) You may obtain coverage by providing proof of the date of initial purchase. For service under this Limited Warranty, you must notify TRANSOLID, Div. in writing, providing your name and address, a description of the product involved, the nature of the defect or failure, and proof of purchase and date of purchase. Repair or replacement shall not include any labor charges. This limited warranty is non-transferable.

The address to which warranty problems should be reported is: Transolid, Div., P.O. Box 30, Warren, OH 44482-0030. Transolid will ship (freight collect) to you products repaired or replaced under this Warranty.

Residential Limited Warranty

The warranty applies only to the original purchaser and installation of Transolid® products in residential applications. It does not apply to commercial applications.

Commercial Limited Warranty

The warranty applies only to the original purchaser and installation of Transolid® products in commercial applications.

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, AND TRANSOLID, Div. EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS LIMITED WARRANTY SETS FORTH THE PURCHASER'S SOLE REMEDY IN CONNECTION WITH THE SALE OR USE OF PRODUCTS COVERED BY THIS LIMITED WARRANTY AND IN NO EVENT SHALL TRANSOLID, Div. BE OTHERWISE LIABLE FOR ANY LOSS, DAMAGE OR INJURY OF ANY NATURE ARISING OUT OF THE SALE OR USE OF THE PRODUCTS DELIVERED HEREUNDER, WHETHER FOR NEGLIGENCE, BREACH OF CONTRACT OR UNDER ANY OTHER LEGAL OR EQUITABLE THEORY. TRANSOLID, Div. SHALL NOT BE LIABLE FOR ANY INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE SALE OR USE OF SUCH PRODUCTS, INCLUDING BUT NOT LIMITED TO LOST PROFITS, REVENUES, ANTICIPATED SALES, BUSINESS OPPORTUNITIES, OR INTERRUPTION OF BUSINESS*. THIS WARRANTY IS NON-TRANSFERABLE.

*Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

Note: The Transolid warranty does not include items identified as "wear items" that can be purchased through Transolid. If you require replacement of a "wear item", please contact Transolid.

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