

PATTEX SUPER GLUE POWER GEL TUBE

DESCRIPTION

Pattex Super Glue Power Gel Tube are a specially formulated rubber toughened instant adhesive that resists impact, shock, vibration, and temperature extremes. It is ideal for bonds subject to daily use and harsh conditions. The Rubber Toughened Formula gives more time to align pieces before the glue takes hold. It dries clear and sets without clamping. Pattex Super Glue Power Gel Tube are resistant to moisture and freezing temperatures.

IDH	Packaging type	Size
2751609	Tube	3g

FEATURES & BENEFITS

- Does not drip
- Extra strong & Flexible
- Impact resistant
- Water resistant

RECOMMENDED FOR

Repairing figurines, costume jewelry, cameras, toys, metal car parts, wiper blades, rubber seals and O-rings. Bonds leather, cork, paper, cardboard, wood, chipboard, fabric, metal, ceramic, rubber and hard plastics such as acrylic, polycarbonate, polystyrene and PVC. Ideal for vertical surfaces and for applications requiring flexibility.

LIMITATIONS

- Do not use on polyethylene (PE), polypropylene (PP), polytetrafluoroethylene (PTFE), silicone or foam rubber, polystyrene foams, glass, very soft leathers, or pure bone china
- Do not use in oven or microwave
- Not suitable for bonding assemblies which will hold hot liquids
- Do not use on glazed surfaces
- Not suitable for gap-filling applications



* Do not use on PE, PP and PTFE

TECHNICAL DATA

Typical Uncured Physical Properties

Color	Clear and Colorless
Appearance	Gel
Specific Gravity	1.1
Flashpoint	176°F (80°C) to 199.4°F (93°C)
VOC Content	< 3% by Weight – SCAQMD Method 316B
Adhesive Base	Ethyl Cyanoacrylate
Shelf Life	24 months (from date of manufacture, unopened)
Lot Code Explanation	#YDDXX # = Disregard first letter Y = Year of manufacture DD = Day of manufacture based on 365 days in a year For example: A9123XX = 123rd day of 2019 = May 3, 2019

Typical Application Properties

Application Temperature	Apply above 50°F (10°C)
Odor	Sharp irritating (use in a well-ventilated area)
Set Time	15 - 30 seconds*
Handling Time	Leave undisturbed for at least 10 minutes. For best results allow full bond strength to develop overnight before handling.
Full Cure Time	12 - 24 hours* *Time is based on temperature, humidity, and thickness of adhesive applied
Clean Up	Scrape away cured adhesive using a sharp-edged tool

Typical Cured Performance Properties

Color	Clear and Colorless
Cured form	Non-flammable, solid
Moisture Resistant	Yes, not suitable for continuous water exposure
Service Temperature	Up to 180°F (82°C)
Tensile Shear Strength	Varies from 2175 – 3625 psi (15-25 N/mm ²) ISO 4587 Aluminum - 3060 psi minimum (21.2 N/mm ²) 12-24 hours cure depending on substrate
Peel Strength	Aluminum - 14.3 lb./in (2.5 N/mm)
Drops to Break Bonded Item	>60 times

TOOLS TYPICALLY REQUIRED

Tissue paper.

SAFETY PRECAUTIONS

Use in a well-ventilated area. Protect work area before and during use of the glue. Nitrile gloves recommended. Do not use PVC, nylon, or cotton gloves. Skin contact may cause burns. Wash hands after use.

Fingers Bonded? Apply cooking oil to bonded area of skin. Gently massage bonded fingers back and forth to “peel” apart. Use rolling, peeling motion – do not pull. Once apart use high moisture hand lotions to aid in removal of excess glue from skin.

PREPARATION

Surfaces to be bonded must be close fitting, clean, dry and free from oil, wax and paint. Protect work area. For best results, lightly roughen smooth surfaces. Pre-fit parts to be joined.

APPLICATION

In a clockwise direction, screw the nozzle/ cap assembly tightly onto the tube to pierce the foil seal. Unscrew the top cap in a counterclockwise direction while holding the nozzle base. Squeeze the tube to dispense one drop per square inch of surface. Press surfaces together immediately. Hold in place for 15 to 30 seconds until bond sets. Do not reposition parts. Clean tip with tissue and replace the cap screwing it down tightly in a clockwise direction.



CLEAN-UP

After cleaning, wet any tissue used for wiping off glue with water and dispose of. When cleaning up larger quantities of uncured adhesive, apply water and allow to cure and then scrape up. Note this may result in damage to the surfaces. Cured adhesive may be cut away with caution using a sharp blade, removed with acetone or with boiling water. Note: Acetone may damage some plastics and is also highly flammable. Test before use and follow manufacturer's instructions.

STORAGE AND DISPOSAL

Not damaged by freezing in the unopened container. Optimal shelf life is achieved when unopened container is stored from 36°F to 46°F (2°C to 8°C). After opening, container it is not recommended that the product be stored cold or frozen. Once opened, the product is best stored tightly sealed in a dry location away from heat sources or sun exposure. Humidity and high temperatures may decrease shelf life. Use an approved hazardous waste facility for disposal.

LABEL PRECAUTIONS

WARNING: Contains Cyanoacrylate. Can cause severe eye injury. Bonds skin instantly. Skin contact may cause burns. Harmful if swallowed. May cause allergic skin reaction. May cause delayed irritation and sensitization. Use in a well-ventilated area. Avoid contact with eyes, skin, and clothing. **DO NOT TAKE INTERNALLY.** Wash thoroughly after handling.

FIRST AID: In case of eye contact, flush with water for 15 minutes; call a physician. For skin contact, flush with water. For ingestion, do not induce vomiting; call a physician. If spilled on clothing, flush with large quantities of water. **KEEP OUT OF REACH OF CHILDREN.**

WARNING: Reproductive Harm – www.P65Warnings.ca.gov.

DISCLAIMER

The information and recommendations contained herein are based on our research and are believed to be accurate, but no warranty, express or implied, is made or should be inferred. Henkel recommends purchasers/users should test the products to determine acceptable quality and suitability for the intended use. All adhesive/sealant applications should be tested under simulated or actual end use conditions to ensure the adhesive/sealant meets or exceeds all required project specifications. Since assembly conditions may be critical to adhesive/sealant performance, it is also recommended that testing be performed on specimens assembled under simulated or actual production conditions. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.