

PATTEX SUPER GLUE POWER GEL CONTROL

DESCRIPTION

Pattex Super Glue Power Gel Control has proven superior performance over ordinary super glues. The gel formula works on a variety of porous and non-porous surfaces and is ideal for vertical applications. It is resistant to shocks and is perfect for applications where some flexibility is required. Its higher viscosity (thickness) means less dripping, offering a more controlled application for projects requiring greater precision or vertical application.

Pattex Super Glue Power Gel Control comes in patented side-squeeze design for maximum control & precise gluing, even in the most tough-to-reach areas. The bottle features a precision tip for controlled, drop-by-drop application. It dries clear and sets without clamping. It is resistant to moisture and freezing temperatures. Very easy to apply and water resistant.

IDH	Packaging type	Size
2751610	Blister	3g

FEATURES & BENEFITS

- Drop by drop application
- Extra strong & Flexible
- Impact resistant
- Water resistant
- Invisible Repairs

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.



* Do not use on PE, PP and PTFE

LIMITATIONS

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

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

Note: Take care to not press in on the side wings while opening the container as glue may dispense rapidly. In a clockwise direction, screw the closure cap tightly in to the base until the clicking sound stops. Unscrew the cap in a counter clockwise direction. Press side grips 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. For increased strength, leave bond undisturbed for at least 10 minutes. Full cure in 24 hours.

TECHNICAL DATA

Typical Uncured Physical Properties

Color	Clear
Appearance	Gel
Base	Ethyl cyanoacrylate
Specific Gravity	1.05
VOC Content	< 2% by weight, CARB < 20 g/l, SCAQMD method 316B
Flashpoint	176°F (80°C) to 200°F (93°C)
Shelf Life	24 months from date of manufacture (unopened)

Typical Application Properties

Application Temperature	Apply above 50°F (10°C)
Odor	Sharp, irritating (use in a well-ventilated area)
Set Time	15 to 30 seconds (see Table 1) *
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 <small>*Times are dependent on temperature, humidity, porosity of surface bonded and amount of adhesive used</small>
Clean Up	Scrape away cured adhesive using a sharp-edged tool.
Lot Code Explanation	YDDDX Y= Last digit of year of manufacture DDD= Day of manufacture based on 365 days in a year Example: 7061 = 61st day of 2017 – March 2, 2017

Typical Cured Performance Properties

Color	Clear
Service Temperature	Up to 180°F (82°C)
Dishwasher Safe	Yes
Cured form	Non-flammable, brittle solid.
Moisture Resistant	Yes
Tensile Shear Strength ISO 4587	Varies from 1450-2900 psi (10-20 N/mm ²) after 12-24 hours of cure depending on substrate

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, 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: EYE AND REPIRATORY IRRITANT. BONDS TO SKIN IN SECONDS. 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 well ventilated area. Avoid contact with skin, eyes, 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