



Nova Power Grip 409 2-K

2K PU FOR REPAIR AND BONDING

- ✓ High filling capacity and unique adhesion.
- ✓ Can be sanded, tapped or drilled very quickly.
- ✓ For shorter working time please have a look at Nova Power Grip 401 2-K and 403 2-K.

Technical Info

- Basis: polyurethane.
- Smell: typical.
- Color after mixing: black.
- Mixing time (23°C): 5 minutes.
- Acting time (23°C): 8 to 10 minutes.
- Can be sanded/manipulated: after 60 minutes.
- Can be painted on: after 2 hours.
- Elastic strength (%): 80%.
- Tensile strength: 2620 N/cm².
- Shear strength: 1378 N/cm².
- Temperature resistance: 90°C continuous.
- Adherence: very good adherence to most plastics, polyesters, ferrous and non-ferrous metals, enamels and varnishes surpasses the cohesion of surfaces such as concrete, stone, wood,...; more than 2N/mm² on metals (practical calculated value).
- Chemical resistance: resistant to many acids, alkalis, oils, greases, petrol, heating oil, many solvents, salt solutions, aggressive vapours and sea air,...; not resistant to strong solvents.
- Hardening: no shrinkage.
- Min. processing temperature: 8°C.
- Electrical resistance > 109Ohm.
- Solids content: 100%.
- Shelf life: 24 months, keep dry, cool and frost-free.
- Safety measures: consult the Safety Data Sheet.

Product [NPG9]

Characteristics

Is a superstrong 2-component adhesive with long open working time to bond spoilers, panels, bumpers,... Nova Power Grip 409 2-K is the ideal adhesive for universal repairs and bondings with a long working time. Nova Power Grip 409 2-K approaches the strength and flexibility of synthetic materials. Nova Power Grip 409 2-K can be sanded quickly, both on thin and thick layers. Nova Power Grip 409 2-K is suitable as both an adhesive and repair system.

Applications

Automotive:

- gluing ferrous and non-ferrous metals, repairing damaged screw thread, nonweldable engine components such as ALU, zamac, ...

Industry:

- repairing non-weldable machine and engine components.
- repairs of sliding and pin tracks.
- repairs of split rotors or blades of ventilators and pumps.
- repairing pump houses and butterfly valves.
- gluing ferrous and non-ferrous metals.

Packing

Nova Power Grip 409 2-K - cartridge 250ml

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Use

As from 24 August 2023 adequate training is required before industrial or professional use.

Substrate preparation

- Clean with Safety Clean and/or Multifoam.
- Sand the material.
- Remove all dust.
- Degrease with Safety Clean and Multifoam.
- Blow dry.

Cartridge preparation

- Remove the cap from the cartridge.
- Place the cartridge in the gun.
- Pump until both components flow out of the cartridge.
- Place the mixer tip on the cartridge and, if necessary, cut off the nozzle to enlarge the opening.
- First spout out 2 cm of product.
- Apply on a clean and dry substrate.
- Place a new mixer tip after a 5-minute break.

Storage

- Remove mixer tip.
- Clean cartridge.
- Put cap back in place.

For a perfect finish (such as lacquering) we recommend applying a flexible plastic putty.

