



# Nova Power Grip 403 2-K

2K PU FOR FAST REPAIR AND BONDING

- ✓ High filling capacity and unique adhesion.
- ✓ Can be sanded, tapped or drilled very quickly.
- ✓ For a faster or slower version please have a look at Novatio Power Grip 401 2-K or 409 2-K.

## Technical Info

- Basis: polyurethane.
- Smell: characteristic.
- Color: black.
- Mixing time (23°C): 2 minutes.
- Working time (23°C): 3 to 4 minutes.
- Can be sanded/manipulated: after 30 minutes.
- Can be painted: after 60 minutes.
- Elastic strength (%): 70%.
- Tensile strength: 2620 N/cm<sup>2</sup>.
- Shear strength: 1378 N/cm<sup>2</sup>.
- 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/mm<sup>2</sup> on metals (practical calculated value).
- Chemical resistance: resistant to many acids, alkalis, oils, fats, 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: > 1090hm.
- Solids content: 100%.
- Shelf life: 24 months, keep dry, cool and frost-free.
- Safety measures: consult the Safety Data Sheet.

## Product [NPG3]

### Characteristics

Nova Power Grip 403 2-K is a qualitative 2-component adhesive with a fast curing time to mount and repair bumpers, headlights, decorative strips,... Nova Power Grip 403 2-K is the ideal glue for repairs and bondings of hard, flexible, semi-flexible and fibre-filled plastics, plastics, painted steel, stone, concrete, melamine, wood,... Nova Power Grip 403 2-K approaches the strength and flexibility of synthetic materials. Nova Power Grip 403 2-K is suitable as both an adhesive and repair system.

### Applications

Automotive:

- repair and bonding of hard and flexible - fibre-filled or not) synthetic materials, such as polyester car-kits, headlights, bumpers, spoilers, decorative strips, ...

Industrie:

- repair of hard and flexible plastics with fast hardening.
- quickly glues ABS, SMC, PC, HPL, Melamine, whole rattan, wood, stone, ...
- quickly glues insulating materials like Styrodur, Rock wool, Rock pannel.

## Packing

Nova Power Grip 403 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 2 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.

