

# Technical Data Sheet

## 501 Unigrip Exhaust Repair Compound

**UNIGRIP**  
DANTECH ELITE COMPOSITES

### Description:

Asbestos-free high-temp resistant one-component cold weld paste / putty. Specifically formulated for repair & sealing of equipment exposed to temperatures up to 2372 °F (1300 °C). Such as repair of cracks and leaks in exhaust pipes, bellow or expansion joints, boilers, and chimneys. And its highly suitable for the assembly and fitting of boiler systems and chimneys as well

### Intended Use:

Repairing cracks, leaks, and surface damage in exhaust systems, bellows, expansion joints, boilers, and chimneys. It is also highly effective in the assembly and fitting of boiler systems and chimney installations, where a durable and heat-resistant seal is critical.

### Technical Data

- Easy to work with
- Asbestos-free
- Non-shrinking
- Seals well
- Adheres well to metal and other materials
- Non-crumbling
- Pasty, does not run
- Base of alkaline silicates and water glass
- Temperature resistance: +1300°C after
- Density approx. 0.33 lbs/ft<sup>2</sup>(1.6 kg/m<sup>3</sup>)
- Working temperature: +5°C - +40°C
- Curing time: 24 hours (Possible to carefully heat up for quicker curing, must be kept below boiling point until fully cured)

### Overpainting:

It is not recommended to overpaint the Unigrip exhaust repair compound, as the product is used in areas with high temperatures. Therefore posing risk of discoloration and the release of fumes from the paint.

### Adhesion:

The sealant adheres to all common materials in exhaust systems and furnaces such as metal, concrete, masonry, firebrick, refractory linings, fiberglass gaskets, etc.

### Packaging:

- Unigrip Exhaust Repair Kit is supplied in a box, including:
- 1 ea. exhaust repair compound in a 10.48 fl. Oz. (310ml) standard single cartridge incl nozzle.
- 1 ea. Application tools (putty knife + spatula)
- 1 ea. Reinforcement steel mesh
- 1 ea. Set of nitrile gloves
- 1 ea. Instructions for use

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### Shelf Life:

Unigrip Exhaust Repair compound should be stored out of direct sunlight in dry frost free conditions of temperatures between +5°C to +30°C. the cartridge can be stored for 2 years in its original sealed container.

### Disclaimer:

The information and recommendations provided in this product data sheet are based on our internal research and practical experience. However, they do not constitute guaranteed product properties and are not legally binding. As we are not aware of the specific conditions under which the product will be used, we cannot assume responsibility for application results or compliance with processing requirements.

We can only guarantee the consistent high quality of our products. Therefore, we strongly recommend that users perform their own tests to ensure the product meets their specific requirements. Any claims arising from such applications are excluded. The user assumes full responsibility for improper use or application of the product.

### Safety and Health

For additional health and safety information, consult the Safety Data Sheet.

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