

FINAL RTV SILICONE TURBOPLUS

Non-flowing, room temperature curing one-component silicone elastomer for bonding and assembly of metal or plastic components that are exposed to high working temperatures, occasionally or for long periods of time come into contact with inorganic lubricants, or where weather resistance is required.

PROPERTIES

- Neutral system, solvent free.
- Strong adhesion on glass, ceramic, steel, aluminum.
- Non corrosive.
- High mechanical properties (modulus, hardness, tear strength).
- Good resistance to lubricants.
- Good heat stability (from – 50°C to + 200° C).

APPLICATION AREAS

- Replaces cork, felt, asbestos, rubber etc.
- Motors (intake manifolds, oil pans, valve covers, axle covers, thermostats etc.).
- Electric and electronic tools.
- Pipes, water installations and connections.
- Industrial ovens.
- At hot air cables.
- Joint places for absorbing the vibration.

TYPICAL PROPERTIES

Appearance	Pasty
Density (20°C (68°F))	1.30 g/cm ³
Curing type	Oximic
Extrusion (3 mm/3 bar, g/min, approx.)	85 - 100
Specific gravity at 25°C (ISO R 1183, DIN 53479, g/cm ³ , approx.)	1,17 – 1,21

SPECIFICATIONS

Raw material base: OXIME technology.

Shore A hardness: approx. 35.

Density: 1.17 - 1.21 g/cm³.

Color: red, black, grey.

Processing temperature: +5°C to +40°C.

Temperature resistance: continuously -50°C to +200°C, intermittently up to +250 °C.

Tack free time: 7 minutes.

Curing time: 2 mm/day.

STORAGE AND SHELF LIFE

It must be protected against water, frost and extreme weather conditions. It must be kept on wooden pallets at cool and dry conditions. The products that are open must be consumed immediately. It should be stacked up to a maximum of 6 layers. The product has a shelf life of 15 months, provided that the protective conditions comply with the aforementioned requirements.

COLORS

Black, Grey, Red

PACKAGING OPTIONS

100gr tube/100 box

SAFETY & DISPOSAL

Keep out of reach of children. Ensure that the application environment is well ventilated to allow for the escape of cross-linker vapors during vulcanization. It is important to avoid inhaling these vapors for extended periods or in high concentrations, as they may contain up to 4% acetic acid.

Additionally, avoid prolonged skin contact. In the event of eye contact, rinse immediately with water. Before curing the sealant, use alcohol, acetone, or a clean cleaning solvent to remove any unreacted material. Mechanically remove cured material.

SPECIAL NOTES

For untreated metal surfaces, it is essential to ensure sufficient rust protection. However, this product is not suitable for use on natural stones.