

ASSEMBLY PASTE FOR THREADED PARTS

Description

Assembly Paste for Threaded Parts is formulated for threaded joints in bicycle components, especially aluminum-to-aluminum interfaces, preventing seizure, noise, and contact corrosion. Its coefficient of friction, intentionally higher than that of other assembly pastes, helps reduce the risk of loosening during use and allows torque readings closer to a “dry” tightening condition. Solid aluminum and graphite lubricants remain in the threads even when oil is displaced under pressure, creating a durable protective film that facilitates future disassembly. By incorporating aluminum, unwanted reactions with other metals are minimized. Copper-free product with low risk for the mechanic under normal workshop use.

Applications

- Threaded bottom brackets.
- Bolts and machined parts.
- Suspension pivot bolts and other load-bearing joints.

- Long-lasting anti-seize effect and corrosion protection.
- Excellent protection against tribocorrosion.
- High density, strong adhesion, and deep thread impregnation.
- Resistance to high loads in threaded areas over long periods of time.

Color and texture

- Color: Dark metallic grey.
- Texture: Very dense, highly adhesive paste; NLGI 3 consistency (equivalent to a high-viscosity assembly paste).

Risks / Precautions

- Standard precautions for the use and handling of lubricants.
- Do not mix with greases of different bases.
- Keep the container closed to prevent contamination.

Key benefits

- Copper-free (improved compatibility and reduced risk of unwanted reactions).

Physicochemical Characteristics

Property	Standard	Value
Color	-	Metallic grey
Thickener	ASTM D-128	Inorganic
Base oil	ASTM D-128	Mineral
Solid lubricants	-	Graphite and aluminum
NLGI consistency	DIN 51818	3
Penetration at 25°C	ASTM D-217	255 (0,1 mm)
Drop point	ASTM D-566	Min. 300°C
Water resistance 3 h / 90°C	DIN 51807	1%
Operating temperature	-	-15 to 1180°C

The information contained in this document describes the product and suggests typical applications. The user must ensure the product's suitability for each specific use. The values indicated are typical values and may vary.