

LOCTITE® Bonding Products

LOCTITE® 603 - Oil-Tolerant Bonding Product



Ordering details: e.g.: Product No. 140 732 02, Loctite 603, Cont. 10 ml

Product No.	Contents in ml	Packaging Type	Weight in g
140 732 02	10	Bottle	20
140 732 03	50	Bottle	83

Specifications

- Strength: High.
- Handling strength (at room temperature on steel): after 8 min.
- Functional strength (Typical value at +22°C): min. 12 hrs.
- Bondline gap: to 0.1 mm.
- Temperature resistance: -55°C to +150°C.

Approvals

- P1 NSF Reg. No.: 123003.
- Tested and recommended by leading roller bearing manufacturers.

Oil-tolerant, universal bonding product for metal. Tolerates oil-based contaminations. Especially suited for the mounting of bearings (bondline gap to 0.1 mm). Rapid setting with high strength. When disassembling the parts, the connection should be heated to +250°C.

Applications

Bonding of bushes, bearings etc. in housings and on shafts with small bondline gap (to 0.1 mm).

LOCTITE® 638 - Bonding Product for Large Gaps



Ordering details: e.g.: Product No. 140 732 07, Loctite 638, Cont. 10 ml

Product No.	Contents in ml	Packaging Type	Weight in g
140 732 07	10	Bottle	20
140 732 08	50	Bottle	83

Specifications

- Strength: High.
- Handling strength (at room temperature on steel): after 4 min.
- Functional strength (Typical value at +22°C): min. 6 hrs.
- Bondline gap: To 0.25 mm.
- Temperature resistance: -55°C to +180°C.

Approvals

- WRC approval (BS 6920): 1307537.
- DVGW approval.
- P1 NSF Reg. No.: 123010.

Special bonding product for metal highly capable of filling gaps and fast reached handling strength. For gaps up to 0.25 mm. Temperature resistant to +150°C. Handling strength after only 4 minutes. When disassembling the parts, the connection should be heated to +250°C.

Applications

Bonding of bushes, bearings etc. in housings and on shafts with large bondline gap (to 0.25 mm).

LOCTITE® 648 - Bonding Product with High Temperature Resistance



Ordering details: e.g.: Product No. 140 732 13, Loctite 648, Cont. 10 ml

Product No.	Contents in ml	Packaging Type	Weight in g
140 732 13	10	Bottle	20
140 732 14	50	Bottle	83

Specifications

- Strength: High.
- Handling strength (at room temperature on steel): after 3 min.
- Functional strength (Typical value at 22°C): min. 6 hrs.
- Bondline gap: To 0.15 mm.
- Temperature resistance: -55°C to +180°C.

Universal bonding product for metal, temperature resistant to +175°C. Capable of filling gaps up to 0.15 mm. Handling strength after only 3 minutes. When disassembling the parts, the connection should be heated to 250°C.

Applications

Bonding of bushes, bearings etc. in housings and on shafts, in applications where high operating temperatures prevail.