Innovations in Loctite® Instant Adhesive Technology

Loctite® products were first to provide innovative solutions for a wide variety of applications in the 1950s. Many of these innovations remain our capabilities in instant adhesive technology.

Loctite® 401, 406 and 454 with improved temperature resistance:
- Resistant temperatures up to 120°C
- High-level core performance characteristics
- Opportunities for a wider range of applications

Loctite® 403, 408 and 460 with significant Health & Safety benefits:
- Low odour = Improved worker safety
- Classified as non-irritant
- No Health & Safety related risk phrases in the MSDS

In 2012 the innovation story continues ...

For more information, please visit www.loctite.co.uk/instantadhesives
Latest Innovations in Instant Adhesives
Discover Our New Improved Products

New Improved Products leading in Health & Safety

Products built to take the heat

Loctite® Dispensing Equipment for Instant Adhesives

Product Selector Chart
Choose the Right Solution

Process Solutions
Equipment for Your Application Needs

Loctite® Surface Preparation

Product category
Locustel®
Viscosity breakdown
Colour
Service temperature range
Pack sizes

Universal
401 MEM
108
Colourless
• • • • • •
-40 to +100°C
2g, 20g, 250g

401 1,000
Colourless
• • • • • •
-40 to +80°C
2g, 20g, 250g

406 MEM gel
50
Colourless
• • • • • •
-40 to +100°C
2g, 20g, 250g

406 2
Colourless
• • • • • •
-40 to +80°C
2g, 20g, 250g

405 MEM
80
Colourless
• • • • • •
-40 to +100°C
2g, 20g, 250g

405 4
Colourless
• • • • • •
-40 to +100°C
2g, 20g, 250g

406
20
Colourless
• • • • • •
-40 to +80°C
2g, 20g, 250g

408 308
Black
• • • • • •
-40 to +100°C
2g, 20g, 250g

408 308
Black
• • • • • •
-40 to +100°C
2g, 20g, 250g

409 40
Colourless
• • • • • •
-40 to +100°C
2g, 20g, 250g

409 40
Colourless
• • • • • •
-40 to +100°C
2g, 20g, 250g

403 308
Black
• • • • • •
-40 to +100°C
2g, 20g, 250g

403 308
Black
• • • • • •
-40 to +100°C
2g, 20g, 250g

433 308
Black
• • • • • •
-40 to +100°C
2g, 20g, 250g

433 308
Black
• • • • • •
-40 to +100°C
2g, 20g, 250g

3500 gel
Black
• • • • • •
-40 to +80°C
1kg, 5kg

Flexible
403 406
Colourless
• • • • • •
-40 to +100°C
2g, 20g, 250g

403 406
Colourless
• • • • • •
-40 to +100°C
2g, 20g, 250g

404**
20
Colourless
• • • • • •
-40 to +100°C
2g

404**
20
Colourless
• • • • • •
-40 to +100°C
2g

405**
80
Colourless
• • • • • •
-40 to +100°C
2g, 20g, 454g

405**
80
Colourless
• • • • • •
-40 to +100°C
2g, 20g, 454g

401***
108
Colourless
• • • • • •
-40 to +100°C
2g, 20g, 454g

401***
108
Colourless
• • • • • •
-40 to +100°C
2g, 20g, 454g

Properties
• Colourless
• Low viscosity

• High temperature resistance of up to 120°C
• Non-sag formula: ideal for vertical surfaces and easy dispensing
• Excellent gap filling properties for metal substrates

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Tubing
• Loctite FDE
• Loctite 740
• Loctite 750
• Loctite 830
• Loctite 800

• Loctite FDE
• Loctite 740
• Loctite 750
• Loctite 830
• Loctite 800

• Loctite FDE
• Loctite 740
• Loctite 750
• Loctite 830
• Loctite 800

• Loctite FDE
• Loctite 740
• Loctite 750
• Loctite 830
• Loctite 800

• Loctite FDE
• Loctite 740
• Loctite 750
• Loctite 830
• Loctite 800

Loctite® Surface Preparation

Loctite® Dispensing Equipment for Instant Adhesives

Dispensing Equipments

• Data
• Dial, Bubble
• Data & Drops, Bubble

Product viscosity

• Low
• Low to medium
• Medium

Dispenser Type

• Manual
• Semi-Automated

Suction Back

• No
• Yes

Add-on features

• No
• Yes

Level sensor

• No
• Yes

Power source

• Electric
• Electric & pneumatic

Loctite® Dispensing Equipment for Instant Adhesives

Volumetric Hand Pump (P198867)

Semi-Automated Dispensing System (P198684)

Pack sizes

-40 to +80°C
20g, 50g, 500g

-40 to +100°C
28g, 454g

-40 to +100°C
28g, 454g

-40 to +120°C
10g, 20g, 300g

-40 to +120°C
3g, 20g, 50g, 200g

-40 to +120°C
10g, 20g, 300g

Level sensor

• For pre-application

• For post-application

Loctite® Surface Preparation

• Polyesters primer
• Polyesters primer
• Polyesters primer
• Calibration
• Polyesters primer
• Calibration

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