

LOCTITE**Flat gasket sealant, 25 ml, Type: 518****Order data**

Order number	083338 518
GTIN	4058093019474
Item class	04L

Description**Version:**

These sealants replace hemp, sealing tapes, and pastes, they are resistant to gases, liquids, air, water, oils, hydrocarbons and many chemical products. **Complete surface contact** ensures a **100% seal**. Unscrewing, or correction of position during assembly can be performed using conventional tools at any time before the sealant hardens. No sealant residues to block filters and valves.

Semi-flexible medium-strength surface sealing product for use on torsion-resistant cast iron, aluminium and steel flanges. Capable of bridging gaps up to 0.25 mm wide, forms a tough flexible seal that is resistant to chemicals. The connection can easily be released even after a long period of use.

- **High adhesion to uncleaned surfaces**
- **Enhanced flexibility and bonding capability**
- **Improved sealing characteristics**
- **Better ability to bond across gaps**
- **Strong adhesion on inactive metal surfaces, without activator**

Application:

Medium-strength surface seal for general use - outstanding tolerance of irregularities. Ideal for steel, cast iron and aluminium flanges.

Note:

Before applying sealant, clean the surfaces with general-purpose cleaner No. 083391 and No. 083392.

Technical description

Functional strength to	0.25 h
------------------------	--------

Labelling of hazardous substances	GHS07: Exclamation mark
Manufacturer's designation	LOCTITE 518
Characteristics	oil-resistant
Characteristics	fluorescent under UV light
Characteristics	water-resistant
Characteristics	glycol-resistant
Characteristics	fluorescent under UV light
Storage temperature	8 - 21 °C
Chemical basis	Dimethacrylate ester
Suitable for material	Steel
Suitable for material	Aluminium
Flashpoint	100 °C
Suitable for application area	Liquid gasketing
Working life after date of manufacture	24 mo
Dynamic viscosity	750000 - 1000000 mPas
Capacity	25 ml
Operating temperature range	-55 - 150 °C
Shape	liquid
Touch dry after	1 min
Colour	red
Maximum gap size	0.25 mm
Strength class	medium strength
Density	1.1 g/cm ³
Product name attribute	25 ml
Type of product	Sealant