

# GAS SEAL



## DESCRIPTION:

Single-component product with medium mechanic strength for locking and sealing threaded parts and couplings smooth, resistant to thermal shock, vibration, mechanical stresses.

GAS SEAL is a medium strength adhesive sealant for sealing and clamping of fittings in plants. The product can be used with: GAS - LPG - METHANE - NATURAL OIL - OIL - NAPHTHA - HOT AND COLD WATER, etc.

GAS SEAL has excellent resistance to heat and mechanical stress. Can also be used with plastic thread after treatment with appropriate spray activator ACTIVE SEAL. WRAS certified product for use in the food sector.

## USES:

Sealing and locking bolts and fittings mechanical compression of hydraulic systems, refrigerators, air conditioners, gas, compressed air, gas, etc. The product when cured can be used with liquid food and is resistant to common chemicals diluted.

This product is not suitable for metal-plastic couplings and in circuits of oxygen as well as for sealing systems with basic products or strong oxidizing acids.

For best performance it is recommended to work on clean, dry and free from grease.

## CHARACTERISTICS:

Chemical nature	Anaerobic metacrylic resin
Physical form	Red, very viscous liquid
Specific weight	1,07 g/ml
Viscosity @ 25 °C	40.000 - 70.000 mPa·s
Flash point	> 100 °C
Active ingredient	100 %
Prehardening on steel @ 20 °C	15 - 20 minutes
Functional hardening	1 - 2 hours
Final hardening	12 - 24 hours
Unscrewing resistance	30 - 50 daN/cm <sup>2</sup>
Cutting resistance	60 - 100 daN/cm <sup>2</sup>
Temperature resistance	from -50 °C to +150 °C
Storage stability	At least 1 year at a temperature lower than 28 °C

If the difference is over 0,3 mm tolerances, it is necessary to use an activator (ACTIVE SEAL).

