



**CLESSE PART No.
041671 & 041671AC**

**CLESSETITE THREAD
SEALANT FOR METALLIC
PIPEWORK**

**SUPPLIED BY
CLESSE
(UK) LIMITED**

07/01/2022



Part No. 041671 (50ml bottle)



Part No. 041671AC (250ml bottle)

| Physical Properties | |
|-------------------------------------|------------------------|
| Composition: | Anaerobic Methacrylate |
| Colour: | White |
| Viscosity (+25°C - mPa s): | 17.000 - 70.000 thixo |
| Friction coefficient: | 0.10 |
| Specific weight (+25°C - g/ml): | 1,01 |
| Flash point: | > +100°C |
| Shelf life +25°C: | Up to 2 years |
| Max diameter of thread/gap filling: | 2" - 0,30 mm |

| Curing Properties | | |
|--------------------|------------------|------------------|
| Operating Pressure | Cure Time @ >5°C | Cure Time @ <5°C |
| Up to 75mbar | 1 min | 5 mins |
| 75mbar - 2 bar | 10 mins | 20 mins |
| 2 - 10 bar | 20 mins | 40 mins |

Note: these times should only be used for guidance. A satisfactory joint is ultimately assured by the engineer's competence and subsequent tightness test.

Product Description:

Anaerobic adhesive for sealing of metal thread pipe joints. Suitable for gas, LP gas, compressed air, gasoline and oil, industrial fluids, CFC, water and several chemicals. Low friction coefficient will assure easy assembly. Thixotropic property prevents migration from thread of the sealant before or during curing. It replaces P.T.F.E. tape and yarn. Cured product provides elastic film. Shocks and vibrations resistant; unaffected sealing properties in the temperature range from -55 to +150°C. Allows dismantling even after years.

Approvals for natural gas and LP gas in vapour state:

Europe—approved to EN751-1 by DIN-DVGW NG 5146AR0574 from -20°C to +150° C up to 2" pipe size.

Curing performance:

Curing rate depends on the assembly clearance, material surfaces and temperature. Please refer to the Curing Properties table.

Directions for use:

Clessetite Threadsealing is an anaerobic adhesive that cures when confined between two metal surfaces in absence of air eg. threaded joint.

Recommendations for best results:

- Clean the threads and allow drying before assembling (water, oil or dirtiness prevent sealant's full adhesion on threaded parts).
- Apply a bead of product along the entire circumference between the first and the second thread of the male fitting in sufficient quantity to fill the entire threaded surface.
- Assemble the parts and rotate occasionally back and forth during the manual screwing to adjust the distribution of the product on the threads.
- Once the screwing is complete, seal the joints with usual torque. Do not over-tighten (the product has a lubricating effect on the joint).

Storage:

Keep product in a cool and dry room at no more than +28°C.
To avoid contaminations do not refill containers with used product.
For further information on applications, storage and handling contact Clesse UK

Warning:

This adhesive is not approved for usage with neither pure nor with gaseous oxygen.
It is not suitable for applications on plastics.
The liquid product may damage paints and elastomers.
If the product gets in contact, even accidentally, with some thermoplastics, stress cracking of the plastics could occur.

Safety and Handling

Consult Material Safety Data Sheet before use.