



# OXYSEAL SEALS

## OXYGEN AND EXTREME TEMPERATURES

### DEFINITION

OXYSEAL is an inorganic hardening paste that acts as a joint for mating surfaces and threaded assemblies, specially developed for contact with oxygen in liquid or gas phase.

### ADVANTAGES

Sealant for LIQUID AND GAS OXYGEN  
Excellent stability over time, unless immersed in water.  
Easily disassembled with standard tools, keeping in mind that resistance depends on the diameter and on the metals used.

### APPLICATION FIELDS

Sealing flanges and threads: carbon dioxide, oxygen, acetylene, nitrogen.  
Sealant for oils and common solvents.  
Manufacturing, hospitals, pressure cylinders, etc.

### TECHNICAL CHARACTERISTICS

Appearance ..... white paste  
Maximum clearance recommended ..... 0.15 mm  
Operating temperature ..... -250°C to +600°C  
Withstands pressure up to ..... 200 bars\*\*  
Breaking strength on M10 steel bolts (NFT 76-124 standard) < 10 N.m.

\*\* Preliminary trials for verifying pressure/temperature resistance are recommended because the nature of the metals, the diameter of the connections and the thread pitches could affect the results.

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**Manufacturing site and registered office**

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## INSTRUCTIONS FOR USE

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Ready to use.

Application temperature: +15 to +30°C.

Apply the adhesive evenly on clean and dry surfaces.

For threaded seals, the entire circumference must be covered over at least 3 to 5 threads.

Depending on the thread pitch, spread the product so that it penetrates each thread fully.

Assemble immediately, before the product dries.

Wait 24 hours before pressurisation because the product dries slowly.

For significant pressure, waiting 3 days is recommended.

## PACKAGING

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100 ml tube

Ref. 1051 T3

x 12

## CERTIFICATION

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- AIR LIQUIDE: test report N°2001/JPS 279 dated 05/11/2001.
- BOC British Oxygen Company.
- Aérospatiale PQ 816.00

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