

# Formula-8 Thread Sealant

FORMULA-8 is specifically made for use as a thread sealant in non-aqueous conditions. (Use our LOX-8 Paste oxygen-compatible thread sealant for wet conditions.) FORMULA-8 is chemically compatible with diesel fuel, liquid propane gas, and oxygen.

FORMULA-8 uses PTFE in a white thixotropic paste to seal threaded joints. The seals are formed over the entire thread length. Unlike with thread-sealing tapes, the size or length of the thread is not a limiting factor. Even fine threads in instrumentation systems are sealed effectively over the entire thread length.

FORMULA-8 won't deteriorate from -400°F to +500°F. It is stable in pressures up to 3,500 psi and in vacuums 10<sup>-3</sup> torr.

LOX-8 pipe joint thread sealant is highly recommended where oxygen, harsh chemicals such as chlorine or powerful oxidizers are present.

Use FORMULA-8 in

- natural gas applications
- oxygen cylinders to eliminate leaks
- hydraulic systems
- fuel systems (in pressures up to 10,000 psi)
- moderate vacuum service
- fine instrument threads
- oxygen systems (below 60°C)
- valves in bottled gases

FORMULA-8 requires no curing time, allowing systems to be put back into service immediately. The paste wets the threaded service immediately and cannot be accidentally dislodged, making it especially useful in those hard-to-reach places.

FORMULA-8 has been tested and certified for use in gaseous and liquid oxygen by NASA and also by BAM in Germany.