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#35005 Sherlock Gas and Air Leak Detect Compound (MIL-PRF-25567E Type I)

Widely used by military bases, aerospace installations, aircraft manufacturers, as well as maintenance and repair organizations. The Sherlock Gas & Air Leak Detect is a neutral solution formulated specifically for leak-testing lines, cylinders and tanks carrying pure oxygen, but is also ideal for testing fuel tanks, pneumatic systems, and inflatable safety devices (life jackets and rafts). In fact, any system that can be leak-tested with air or gas pressure is suitable for inspection with Sherlock Leak Detect Compound. Compound is made to Air Force/Military Specification and is formulated for safe usage with oxygen, but is equally effective for use with hydrogen, nitrogen, helium, air and other gases.



Oxygen Compatible:

Contains no oil, grease or any other ingredient that can combine with pure oxygen to form either a flammable or explosive mixture. Thoroughly tested and approved by both government and commercial laboratories, including the “bomb” test with high pressure pure oxygen.

Instructions for Use:

Apply to connection or surface suspected of leaking and visibly inspect for bubble clusters. Fine leaks form white foam, which builds up for ten minutes or more, making detection sure and simple. Large leaks form clusters of large bubbles immediately on application.

For leak-testing small connections use squeeze bottle or dauber-cap. At welded or riveted seams that may contain fairly large leaks, flow the liquid on slowly with a wide brush so that the brush bristles partially close up the larger leaks. Take caution and do not brush up the solution into a “lather.” Always apply the fluid as a clear liquid.

Dries Clean:

Compound dries clean and leaves no greasy residue. Typical use does not require removal of solution after testing. If removal is required, simply spray or rinse applied area with clean, cold water and allow to dry.

Product Compliance:

- MIL-PRF-25567E Type I compliant (Compatible with Oxygen).
- For use at +35° F to +160° F (+1° C to + 70° C).

Shelf Life:

Standard shelf life is twelve (12) months. This may be extended indefinitely provided the fluid is tightly capped/sealed to prevent evaporation and the solution remains free of sediments/contaminants or suspended matter.