

TOMBO NO. 9082 - PTFE THREAD SEAL TAPE

PREMIUM OXYGEN TAPE

a product of Nichias Corporation, Japan; a pioneer in the areas of Thermal Insulation and Gasket Materials



Oxygen is used in welding (such as the oxyacetylene torch), and in the industrial production of steel and methanol.



Oxygen therapy benefits the patient by increasing the supply of oxygen to the lungs thereby increasing the availability of oxygen to the body tissues.

Description

The TOMBO Premium Oxygen Tape

is our specially formulated PTFE Thread Seal Tape for application in piping, valves and fittings, and other components for oxygen usage. The maximum density of our tapes ensure optimum usage safety in Gaseous Oxygen (GOX) and Liquid Oxygen (LOX) systems.

The TOMBO Premium Oxygen Tape is tested by the world renowned German Federal Institute for Material Research and Testing (BAM) for GOX usage up to a Maximum oxygen pressure of 25 bar and a Maximum Temperature up to 60°C.*

Our TOMBO Premium Oxygen Tape is also suitable for usage in components for LOX services.**

* BAM Test Report Reference Number II-2238/2006E

** In this case, a limitation to a particular pressure range is not necessary as compression of liquid oxygen causes no significant changes in concentration and therefore has no considerable influence on the reactivity of the TOMBO Premium Oxygen Tape.

Directions For Use



Highly concentrated sources of oxygen promote rapid combustion and therefore are fire and explosion hazards in the presence of fuels.

1. Place end of TOMBO Premium Oxygen Tape on pipe thread 1/8" (2mm) from end of pipe.
2. Wrap tape around pipe stretching slightly to pull tape into threads.
3. Slight overlap on the starting turn.
4. Cover all threads and pull hard to tear the tape.
5. Assemble joint.

Characteristic & Applications

- ✚ Provides tight seal; permits easy disassembly
- ✚ Flame resistant
- ✚ Colour coded 'GREEN' for easy identification
- ✚ Compatible with a broad range of piping materials.
- ✚ Chemically inert and withstands solvents.
- ✚ Conformance to MIL SPEC A-A-58092

Product Specifications

Composition	: Min. 99.5% PTFE
Tape Colour	: GREEN
Thickness	: 0.09mm (+/- 10%)
Density	: 1.4g/cm ³ (+/- 0.1g/cm ³)
GOX Max Temp.	: 60°C
GOX Max Pressure	: 25 Bar

Rev: 100207



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