

Product Data Sheet

Oxygen Compatible OC Three PTFE Paste Joint and Thread Sealer



Solutions for critical and demanding applications where no flammability, compatibility with oxygen and resistance to aggressive chemicals are essential.

OC Three PTFE Paste Joint and Thread Sealer is an aqueous based PTFE formulation. It is a homogenous white paste that penetrates thread convolutions more effectively, and more safely, than PTFE tape. Tested, approved and certified by BAM for gaseous and liquid oxygen service. Use in extreme temperatures (-400° F to +500° F) and Mid Vacuum specifications to 10⁻³ Torr. OC Three is especially capable for sealing oxygen and acetylene cylinder valves. Easy to apply from its 4 oz. (113.4 gram) squeeze tube with extended nipple and resealing cap. A superior PTFE thread sealant paste that contains these optimal properties:

- Water Soluble / Anti-Galling / Anti-Corrosive
- Anti-Seize / Chemically Inert / Non-Toxic
- Non-Flammable / Non-Migrating / Odorless

OC Three is compatible with many aggressive chemicals including:

- | | | |
|----------------------|--|------------------------|
| Acetylene | Helium | Potassium perchlorate |
| Aluminum chloride | Hydrogen | Potassium persulfate |
| Ammonium nitrate | Hydrogen bromide | Propylene oxide |
| Ammonium perchlorate | Hydrogen peroxide (all concentrations) | Silane |
| Antimony trichloride | Hydrogen sulfide | Silicone tetrachloride |
| Bromine | Hydriodic acid | Sodium hypochlorite |
| Calcium hypochlorite | Iodine | Sodium perchlorate |
| Carbon dioxide | Muriatic acid | Sulfur dioxide |
| Chlorosilanes | Nitric acid | Sulfur trioxide |
| Chlorosulfonic acid | Nitrogen oxides | Sulfuric acid |
| Chromic acid | Oleum | Titanium tetrachloride |
| Ethylene | Oxygen (liquid & gaseous) | |
| Fluorine (gaseous) | Phosphoric acid | |

890-3 OC®Three Paste, 2 oz each

TED PELLA. INC.

Microscopy Products for Science and Industry

P.O. Box 492477, Redding, CA 96049-2477, U.S.A.
 Telephone: 530-243-2200; 800-237-3526 (U.S.A. or Canada) • FAX: 530-243-3761
 Email: sales@tedpella.com • Web Site: <http://www.tedpella.com>