

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 (<i>all concentrations</i>)	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 (<i>liquid & gaseous</i>)	
Fluorine (<i>gaseous</i>)	Phosphoric acid	

9002 84 0	Polytetrafluoroethylene
13463 67 7	Titanium dioxide
9003 01 4	Carboxy vinyl polymer
7732185	H ₂ O (water)

MPT[®]

INDUSTRIES

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