

LEAK LOCK™ Joint Compound



Soft setting pipe joint compound that seals threaded joints, gasket surfaces & mating surfaces.

Resin-based brushable paste which remains permanently flexible,
adheres to internal surfaces & fills voids.

Excellent for use on metal and plastic materials subject to extreme vibrations.

“LIKE A GASKET FOR YOUR THREADS”

10-10-049: Leaklock 1.3 oz tube

10-10-050: Leaklock 1/4 pint brush top

10-10-051: Leaklock 1/2 pint brush top

10-10-052: Leaklock 1 pint brush top

10-10-053: Leaklock 1 qt. friction top

10-10-064: Leaklock 1qt. brush top

10-10-065: Leaklock 1 gallon pail

10-10-070: Leaklock 5 gallon pail

10-10-071: Leaklock 55 gallon pail

Temperatures from -100° to 400° F,
full vacuums up to 10,000 PSI

Leak Lock seals most chemicals including all refrigerants (R-12, 22, 502, 134A, etc.)
petroleum products, natural and manufactured gases, steam, water, air, etc.

PHYSICAL DATA

Vapor Density (Air = 1): 1.6 Appearance and odor:

Blue flowable paste. Slight alcohol odor

% Volatile (by weight): 28

Specific Gravity (H₂O = 1): 1.3

Solubility in Water: Insoluble

% Volatile organic compounds: 28

VOC Content: 340.8 grams per liter at application (Once product sets - Zero VOCs)



Product Specifications

What is leak lock?

Leak Lock is a state-of-the-art high strength, pipe joint sealant consisting of chemically resistant film formers, plasticers, reinforcing fillers and solvents.

How It Works

When Leak Lock is applied to pipe joints, it adheres to the mating surfaces. After joints are assembled, Leak Lock set a to form a chemically resistant flexible fluid-tight seal.

How to Use It

Leak Lock should be applied to clean joint surfaces, either with the applicator brush or any convenient spatula. Apply Leak Lock to both mating surfaces. Tack should be allowed to develop before joints are assembled.

Where to Use It

Leak Lock can be used on all metal or plastic materials, including but not limited to, aluminum, aluminum alloys, cast irons, copper, copper alloys, (brass, bronze, etc...), magnesium and magnesium alloys, carbon steels, stainless steels, galvanized surfaces, PVC, CPVC, ABS, fiberglass, black polypropylene, and kynar. Leak Lock should be applied to threaded joints, flanged joints, gasket surfaces and all mating surfaces where a fluid-tight seal is required. Special

Applications – Leak Lock is ideal for joining dissimilar metals and materials. Prevents loosening of nuts, bolts, plugs and fittings.

Typical Physical Properties

- Viscosity.....100,000-200,000 cps
- Consistency...flowable Paste
- Color.....light blue
- Solvent.....ethanol and isopropanol
- Pressure.....full vacuum to 10,000 psi
- Temperature...200°F to +400°F
- Toxicity.....non-toxic
- Shelf Life.....Indefinite when kept Sealed

Material Safety Data Sheet is available from ARGCO or can be downloaded from our website: www.ARGCO.com

Leak Lock - Successes

The following is a partial list of the materials and fluids that Leak Lock has successfully sealed:

Refrigerants:

All CFC's, HFC's and HCFC's

Including but not limited to...

- R-717 (ammonia)
- R-744 (carbon dioxide)
- R-11 (trichlorofluoromethane)
- R-12 (dichlorodifluoromethane)
- R-21 (dichlorofluoromethane)
- R-22 (chlorodifluoromethane)
- R-113 (1,2-trichlorotrifluoroethane)
- R-114 (1,2-dichlorotetrafluoroethane)
- R-40 (methyl chloride)
- R-30 (methylene chloride)
- R-290 (propane)
- R-764 (sulfur dioxide)
- R-134a (1,1,2-tetrafluoroethane)
- R-13, R-13BL, R-500, R-502, R-503, R-123, R-124, R-401A, R-401B, R-402A, R-402B, R-403B, R-406A, R-408A, R-409A, R-23, R-236FA, R-404A, R-407A, R-407B, R-407C, R-410A, R-507, R-508.

Fuel Gases:

- Natural Gas
- LPG "Liquefied Petroleum Gas"
- LNG "Liquefied Natural Gas"
- Propane
- N-Butane
- Isobutane

Fuels:

- Gasoline (petrol; motor fuel)
- Aviation Fuels (avgas; jet fuel)
- Fuel oils
- Diesel Fuel Oils
- Gas Turbine Oils
- Kerosene
- Gas Oil

Refrigeration Oils:

- Mineral Oils, Napthenic
- Mineral Oils, Paraffinic
- Polyol Esters
- Polyalphaolefins
- Alkylbenzenes

Solvents:

- Water (soft; hard; potable)
- Seawater (saltwater)
- Pentane
- Hexane
- Cyclohexane
- Heptane
- Petroleum Napthas
- Mineral Spirits
- Toluene
- Xylene
- Perchloroethylene
- D-Limonene
- Turpentine
- Pine Oil

- Lacquer Diluent
- Rubber Solvent
- VM&P Naptha
- Stoddard Solvent
- 140°F Solvent
- Deodorized Kerosene
- Medium-Flash Aromatic Naptha
- High-Flash Aromatic naptha
- Dipentene
- Methylene Chloride
- 1,1,1-Trichloroethane
- 2-Nitropropane
- Orthodichlorobenzene
- Monochlorobenzene
- Chloroform
- Ethylene Dichloride
- Trichlorethylene
- Propylene Dichloride
- Aliphatic Solvents
- Acids, Dilute
- Caustics, Dilute
- Aromatic Solvents
- Glycerine
- Chlorinated Solvents

Industrial Gases:

- Acetylene

- Chlorine, anhydrous
- Air
- Carbon Monoxide
- Ammonia, anhydrous
- Argon
- N-Butane
- Carbon Dioxide
- Ethane
- Ethylene Chloride
- Fluorine
- Hydrogen
- Methane
- Neon
- Nitrogen
- Nitrous Oxide
- Propane
- Propylene
- Silane
- Xenon
- Tetrafluoromethane
- Helium

Oils:

- Mineral Oils
- Soybean Oil
- Coconut Oil
- Tall Oil
- Peanut Oil
- Rapeseed Oil
- Menhaden Oil
- Vegetable Oil
- Animal Oil

Leak Lock is not recommended for use with alcohols.

CURE TIME:

Leak Lock will cure and be ready for service in as little as 20 minutes or no more than 24 hours depending on pipe size and temperature of application.

The information contained herein is produced in good faith and is believed to be reliable but is for guidance only. ARGCO and its agents cannot assume liability or responsibility for results obtained in the use of its product by persons whose methods are outside or beyond our control. It is the user's responsibility to determine the suitability of any of the products, methods of use, or preparation prior to use, mentioned in our literature. It is the user's responsibility to observe and adapt such precautions as may be advisable for the protection of personnel and property in the handling and use of any of our products.

**FOR MORE INFORMATION CALL ARGCO AT 1-800-854-1015
OR LOG ONTO WWW.ARGCO.COM**