

Fire Protection Adhesives & Sealants

Prevent Leaks with Permabond!

LH050 & LH056 Anaerobic Pipe Sealant

Permabond Pipe Sealants use anaerobic technology to prevent leaks in sprinkler systems. Used in fabrication and installation, Permabond Pipe Sealants replace pipe dope and sealing tapes with a complete and reliable seal. They do not remain a paste, like pipe dope, but cure to a solid plastic seal. Cure is initiated by the presence of metal and the absence of air.

- 100% Leak Free Seal Even When the Pipe Is Not Completely Seated
- Eliminates 'Call Back' Repair Costs
- Prevents Corrosion
- Seals Cut And Mis-threaded Fittings
- Replaces Pipe Dope And Tapes
- Locks Joints Against Loosening due to Vibration
- Won't 'Thin' In Summer
- Won't 'Thicken' In Winter
- Open Container Will Not Dry Out
- Easy Disassembly With Hand Tools
- Lubricates To Ease Assembly

Permabond LH050 is UL listed for sprinkler systems and has been trusted for decades to prevent leaks in metal sprinkler system pipe work. Permabond LH050 contains PTFE which lubricates to ease assembly.



Permabond LH056 was developed for use on metal pipe work in systems that may also contain CPVC. Permabond LH056 is FGG/BM/CZ™ System Compatible.



FGG/BM/CZ™ System Compatible indicates that Permabond LH056 has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® & Corzan® pipe and fittings. FGG/BM/CZ™, FlowGuard Gold®, BlazeMaster® and Corzan® are registered trademarks of The Lubrizol Corporation.

Standard Sizes of LH050: 50ml, 250ml, 350ml, 750ml, 1 Liter and LH056: 350ml, 750ml

Permabond®
Engineering Adhesives

HL126 Anaerobic Weld Sealant

Permabond HL126 sealant fills all voids or imperfections and cures to form a permanent plastic seal that prevents potential leaks. If a porosity leak should occur, HL126 is easy to use - even in the field.

Cure is initiated by the absence of air and the presence of metal, and begins to occur when the sealant wicks into the imperfections.



Standard Sizes:
50ml, 250ml, and 1 Liter

LH050 & LH056

Anaerobic Pipe Sealant



PERMABOND PIPE SEALANT FABRICATION & FIELD INSTALLATION INSTRUCTIONS

For use on metal pipe only.
Use in place of tapes or pipe dope.

1. Apply the sealant 360° around leading threads of the male fitting leaving the first thread free of sealant. Force the material into all the voids. Adjust amount of sealant according to the size of the fitting. For large diameter pipe, sealant may have to be applied to the female threads also to insure complete coverage.
2. Assemble and tighten the fittings until proper alignment is obtained. Visually check for a small bead of sealant around the entire circumference of the pipe.
3. A seal to moderate pressure is obtained immediately on properly tightened fittings. Allow the sealant to cure for at least 24 hours to obtain maximum pressure and chemical resistance.

HL126

Anaerobic Weld Sealant



PERMABOND HL126 WELD SEALANT INSTALLATION INSTRUCTION

1. Clean and remove excess dirt, rust, scale and/or paint from leaking parts to expose the metal surface. The sprinkler system should be bled of water because the presence of water pressure will inhibit the wicking action of the product into the leaking joint.
 2. Warming of the parts just beyond touchable prior to application is preferred. Use a propane torch, heat gun, or lighter to heat the metal and dry out water and other liquids.
- NOTE: Heat should not be used with a chemical system. Consult the Material Safety Data Sheet information on the flash point, flammability, and heat stability of the chemicals involved.
3. Apply HL126 to the warm welds, fittings, or pipes with a brush, swab, or clean rag. Liberally apply several times so that it can penetrate all the open areas within the metal and form a new seal.

Our Science ... Your Success

PermaBond Worldwide

Wherever your manufacturing or R&D site may be located, PermaBond representatives can be called upon to assist you. We have an extensive network of professional distributors worldwide.



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