



HVAC/R SYSTEM LEAK SOLUTIONS

WHAT IT DOES

AceSeal AC/R and HVAC/R leak sealants are specially formulated to seal small, difficult to find leaks in condensers, evaporators, refrigerant lines in industrial, commercial and residential HVAC/R applications. AceSeal should be used in systems up to 1.5 tons while AceSeal HVAC/R is for systems up to 5 tons. AceSeal will not harm the compressor or any other components in the system.

HOW IT WORKS

Unlike many other sealants on the market today, AceSeal formulas are not moisture activated ... and therefore it is not necessary to add a "drying product" to the system prior to AceSeal being added to the system.

Competitive products react with moisture and will harden or crystallize in the system in the presence of moisture.

AceSeal is chemically inert until it blends together with the refrigerant/oil mix when the sealant is introduced into the system. When a leak occurs, the blend is drawn towards the leak. Pressure in the system forces the blend to the source of the leak. At the leak, the smaller molecules in the refrigerant/oil mix escape first while the larger molecules in the sealant combine together to form a chemical weld that seals the leak. When using AceSeal, any

moisture in the system can safely be removed with an inline filter dryer after the leak is sealed.

AceSeal formulas are compatible with all CFC; HFC and HCFC refrigerants including 410A and all refrigeration oils. The AceSeal formula is not polymer based but travels with the refrigerant to seal any small leaks in the system. Since the sealant is compatible with the refrigerant/oil mix and not susceptible to hardening on contact with moisture, the AceSeal formula can safely remain in the system and can seal future leaks if necessary. If the refrigerant is reclaimed, AceSeal will not be reclaimed with the refrigerant but will flush out of the system with old/used compressor oil.

The AceSeal system uses a patented delivery system that insures no additional contaminants such as hydrocarbon based propellants are introduced into the system during treatment.

The sealant component of the formula is contained in a bag in a high pressurized can. The high pressure (140 psi) in the can insures there is sufficient pressure to introduce the sealant into the system without having to evacuate refrigerant from the system to level pressures in the system and in the can.

The hose included with the can is built with a backflow preventer ... And this also aids in maintaining sufficient pressure in the can at all times. The translucent hose, which is re-useable, allows the contractor to verify that sealant is actually being introduced into the system. The unique design of the delivery

system also prevents refrigerant traveling back into the sealant can ... unlike vacuum packed

sealants which may be subject to hazardous waste regulations as refrigerant replaces sealant in the vacuum can.

WHEN TO USE AceSeal

AceSeal is only for use after standard leak detection methods have failed to find the source of the leak. The sealant is effective on small leaks up to 300 microns. As a guide, AceSeal will not be effective if the system is losing more than 15% of the total charge over a 30 day period as the leak may be too large to seal.

AceSeal was formulated specifically for HVAC/R applications and is not recommended for use in automotive a/c system repairs.

- High pressure can ensures easy application of sealant
- Does not require evacuation of refrigerant (410A) to input sealant
- Seals Leaks & Prevents Future Leaks in Condensers, Evaporators & Lines
- HFC Free Aerosol Can
- Patented Aerosol Dispensing System - Does Not Introduce Contaminants into System or Require Disposal of Hazardous Waste
- Does Not Contain Polymers - Drying Agent Not Required
- Re-Useable Hose

