Nu-Calgon Product Bulletin

REFRIGERANT LEAK SEALANT

- **Fastest, strongest sealant on the market**
- **Permanently seals even larger leaks**
- **Rapid Fusion Technology™ for a stronger bond**
- **Easiest to install direct inject**
- **Works with all refrigerants**
- **Treats larger systems**
- **New brighter dye in UV models**

Description:

The EasySeal line has proven to be the number one trusted leak sealant brand for years, with millions of leaks sealed. Now Nu-Calgon has made EasySeal even better with EASYSEAL ULTIMATE – the strongest and fastest leak sealant on the market, now with the ability to treat systems up to 10 tons in one application!

Application:

- Perfect for split systems, heat pumps, microchannel coils, packaged units and mini-splits
- No injection hose or caulk gun needed
- No need to pump down the system
- One-time use – quick and easy injection
- OEM approved not to clog manifold gauges
- Proven not to plug TXVs, cap tubes or pistons

Packaging:

EasySeal Ultimate LS Systems 2-10 tons	**4050-08**
EasySeal Ultimate LS/UV Systems 2-7.5 tons (with UV dye)	**4050-11**
EasySeal Ultimate SS Systems up to 2 tons	**4050-05**
EasySeal Ultimate SS/UV Systems up to 2 tons (with UV dye)	**4050-21**
EasySeal Ultimate LS Bulk 6-pack Systems 2-10 tons	**4050-07**
EasySeal Ultimate LS/UV Bulk 6-pack Systems 2-7.5 tons (with UV dye/UV flashlight)	**4050-12**

Directions for Use:

1. Properly identify the low side and high side service ports, and make sure system is running. If unit is a heat pump, then set it in cooling mode. Injector features an adjustable valve core depressor. If valve core on the system's low side service port is set too deep to depress, turn valve core depressor counterclockwise up to 1.5 turns to engage system valve core for installation.



Total System Protection

EasySeal® Ultimate



4050-08 **4050-11** **4050-05** **4050-21**

Connect EasySeal Ultimate's female fitting to the suction service port of system. The one-way check valve will prevent refrigerant back flow.

2. Make sure to close both valves on manifold gauge set. Connect high side (red) line of manifold gauge set to the high side service port. Barely thread the middle manifold hose (yellow) to the male fitting of the injector. Do not thread to the point of depressing the Schrader core. Briefly crack open high side manifold valve to purge air out of the yellow hose. Then close high side manifold valve, and quickly tighten yellow hose fitting to the injector.



3. Briefly open and then close high side valve of the manifold gauge set to allow a little high side liquid to flow through the yellow hose and EasySeal Ultimate tube. With high side valve of the manifold gauge set closed, wait one minute for the yellow hose and EasySeal Ultimate to equalize to suction pressure. Disconnect the injector from suction service port and from manifold gauge set. Discard or recycle empty injector.



NOTE: You may also use a refrigerant cylinder to push sealant into system while charging if the system is low on refrigerant. Just connect EasySeal Ultimate to service port and inject refrigerant through injector into system while charging.

WARNING: Wear safety glasses and protective gloves. Do not bend, cut or deform the EasySeal Ultimate tube.

See reverse side for Frequently Asked Questions.

Frequently Asked Questions:

Do I need to pump down the system in order to get EasySeal Ultimate into the system?
No, unlike competitive sealants, you do not need to pump down the system regardless of what type of refrigerant is being used. Just connect EasySeal Ultimate to the low side with the system running and inject into the system as instructed.

Can I inject EasySeal Ultimate while I am charging the system with refrigerant?
Yes, you can use the refrigerant being added to push the sealant into the low side of the system.

Will EasySeal Ultimate work on aluminum coils and microchannel coils?
Yes, EasySeal Ultimate is perfect for microchannel coils, all aluminum coils, mini splits, package units, and all other coil types.

Does EasySeal Ultimate travel with the refrigerant or the oil?
EasySeal Ultimate travels with the system's refrigerant to find leaks fast.

How small of a system can I use EasySeal Ultimate SS in?
We recommend not using it in systems that hold less than 10 oz. of refrigerant.

Can I use EasySeal Ultimate in a system using a cap tube?
Yes, you can use in a system with a cap tube, TEV, or piston style metering device.

Does the female fitting on the EasySeal Ultimate have a one-way check valve?
Yes, it is designed to only allow EasySeal to flow into the low side of the system.

Why is there a small bubble in the EasySeal Ultimate tube?
This small bubble is the dry dissolved gas in the EasySeal formula that is injected during the filling process. It insures a consistent fill rate and can vary in size slightly. It also gives the sealant room to expand and contract during temperature changes.

Is EasySeal Ultimate safe to use with my manifold?
Yes, it is OEM approved not to damage analog or digital manifolds.

Can I mix multiple internal treatments in the same system with EasySeal Ultimate?
You could mix other Nu-Calgon products like A/C Re~New or Rx-Acid Scavenger in the same system, as they have been tested compatible. However, we have not tested all competitive products and would not recommend adding others to the system.

What size refrigerant leak will EasySeal Ultimate repair?
It will seal the smallest microleaks as well as much larger leaks that can be detected with gas leak detectors. In most cases, as long as the system's entire charge is not lost in a week or less, EasySeal Ultimate will fix the leak.

Does EasySeal Ultimate contain polymers?
No, EasySeal is "polymer free" while in the tube and circulating through the system.

How do I find leaks when using the EasySeal Ultimate LS/UV?
If larger leaks continue, use a UV light and glasses (4050-15) to scan the system for a bright yellow-green glow to show where the system is leaking.

Read and understand the product's label and Safety Data Sheet ("SDS") for precautionary and first aid information. The SDS is available on the Nu-Calgon website at www.nucalgon.com.

Nu-Calgon
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