

REFRIGERANT LEAK SEALANT

- Strongest sealant on the market
- Now made in the U.S.A.
- Installs in seconds
- Precise formula that creates a permanent seal
- Polymer free
- OEM approved not to clog manifold gauges
- Works with all oils and refrigerants
- Proven not to plug TXVs, cap tubes or pistons
- New UV dye formula available for detection of larger leaks

Description:

EasySeal Direct Inject is a new generation of sealants. Its patent pending injection method makes it easier to install than other sealants. With this new injection system, pumping down the unit is a thing of the past. And now the industry's leading refrigeration sealant has been combined with UV leak detection dye to give you EasySeal Direct Inject-UV. This product is designed to seal leaks and also show where larger leaks are with the use of a UV light.

Application:

- Concentrated formula means less material in system.
- Clear tube so you can see the sealant go in.
- No need to pump down R-410A units.
- Perfect for split systems, heat pumps, microchannel coils, packaged units, and mini splits.
- No injection hose or caulk gun needed.
- One time use.

Packaging:

EasySeal Direct Inject	Treats 1.5 - 5 tons	4050-08
EasySeal Direct Inject BULK (6)	Treats 1.5 - 5 tons	4050-07
EasySeal-SS Direct Inject	Treats under 1.5 tons	4050-05
EasySeal Direct Inject-UV	Treats 1.5 - 5 tons	4050-11

Directions for Use:

1. Make sure system is running and low side and high side service ports are properly identified. If unit is a heat pump, be sure it is in cooling mode.

IT IS IMPORTANT TO FIRST: Connect EasySeal Direct Inject's female fitting to the suction service port of system. The one way check valve will prevent back flow of refrigerant.



Total System Protection

EasySeal Direct Inject



Treats
1.5 - 5 tons

Small systems
1.5 tons & under

Treats
1.5 - 5 tons

Sealant & Dye

2. Make sure both valves on manifold gauge set are closed. 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 EasySeal Direct Inject. 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, close high side manifold valve, then quickly tighten yellow hose fitting to the injector.

3. Briefly open 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 Direct Inject tube.



With high side valve of the manifold gauge set closed, wait one minute for the yellow hose and EasySeal Direct Inject to equalize to suction pressure.

Disconnect EasySeal Direct Inject 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 Direct Inject to service port and inject refrigerant through injector into system while charging.

WARNING: Wear safety glasses. Do not bend, cut or deform EasySeal Direct Inject tube. Be careful not to allow refrigerant to spray on bare skin, as it could cause frostbite

See reverse side for Frequently Asked Questions.

Frequently Asked Questions:

Do I need to pump down the system in order to get EasySeal Direct Inject 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 Direct Inject to the low side with the system running and inject into the system as instructed.

Can I inject EasySeal Direct Inject 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.

Is this product the same formula as pressurized can?

It is the same EasySeal sealant, but at a much higher concentration. The EasySeal Direct Inject is designed to treat 1.5-5 ton systems just like the A/C EasySeal pressurized can (4050-06). The EasySeal-SS Direct Inject is designed to treat systems under 1.5 tons just like the A/C EasySeal-SS pressurized can (4050-01).

Will EasySeal Direct Inject work on aluminum coils and microchannel coils?

Yes, EasySeal Direct Inject is perfect for microchannel coils, all aluminum coils, mini splits, package units, and all other coil types.

Does EasySeal Direct Inject travel with the refrigerant or the oil?

EasySeal Direct Inject travels with the system's refrigerant to find leaks fast.

How small of a system can I use EasySeal-SS Direct Inject in?

We recommend not using it in systems that hold less than 10 oz. of refrigerant.

Can I use EasySeal Direct Inject 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 Direct Inject 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 Direct Inject 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.

Is EasySeal Direct Inject 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 Direct Inject?

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.

Can I refill the EasySeal Direct Inject tube instead of throwing it away after used?

No, they are designed to be a one-time use injector but, the nylon, brass and aluminum can be recycled rather than thrown away.

What size refrigerant leak will EasySeal Direct Inject 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 Direct Inject will fix the leak.

Does EasySeal Direct Inject 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 Direct Inject-UV?

If larger leaks continue, use a UV light and glasses 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.

