Extreme Ultra T

even for ELECTRIC VEHICLE

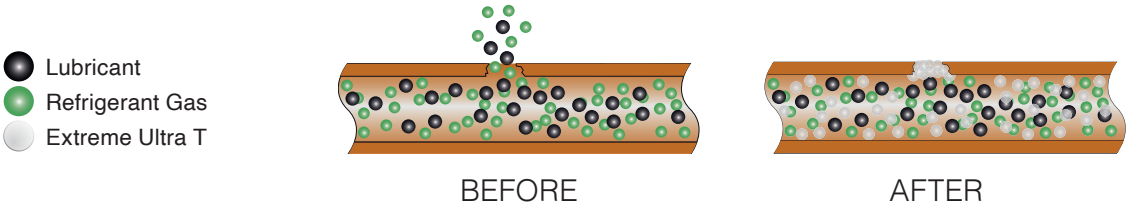
Colourless and UV Dye-Free Leak Stop for Air Conditioning and Refrigeration Systems

Description

The most common causes of refrigerant gas leaks are system flaws, wear, and corrosion.

- System flaws: these flaws are due to porosity in system piping or welds when the installation is not properly carried out.
- Wear: constant vibrations, for example, over a long period of time, can compromise the tightness of systems' joints.
- Corrosion: it is one of the most common causes, as it is a natural phenomenon that gets aggravated by the presence of charges, such as in spots where different metals touch each other. Acidity, resulting from the chemical reaction between humidity and refrigerant gas or refrigeration lubricant, also creates corrosion. Indeed, humidity is one of the most common natural elements in air conditioning and refrigeration systems. It is mostly removed by the filter drier, which, however, tends to reduce its efficiency over time. When humidity comes into contact with the particles generated by the natural decomposition of refrigerant gases and refrigeration lubricant, acid components are created. If not removed, acid can attack the metal structure of the system, causing corrosion that can lead to several refrigerant leaks.

Extreme Ultra T is the colourless and UV dye-free leak stop additive that permanently repairs refrigerant gas leaks up to 0.3 mm on metal and rubber components of air conditioning and refrigeration systems.



Extreme Ultra T works by affinity with the materials of the system without generating any kind of chemical reaction. The product acts while the air conditioning or refrigeration system is working. The time required to completely repair the leak depends on the size and shape of the leak.

Field of Application

- HVAC/R
- Automotive

Features

- Repairs refrigerant gas leaks up to 0.3 mm on rubber and metal components of AC/R systems.
- Polymer-free formula: does not react with humidity and oxygen.
- Invisibile, even when exposed to UV light.
- Permanent action over time.
- Significantly reduces compressor noise.
- Compatible with all refrigeration lubricants.
- Compatible with all refrigerant gases, except R717 (ammonia).
- Safe for all air conditioning and refrigeration systems (commercial, industrial, domestic and automotive).
- Safe for AC/R components.
- Does not damage compressors.
- Does not clog or damage recovery stations.
- Does not settle in the filter drier.
- Does not clog the expansion valve.
- Non-flammable.
- Non-irritating.
- Safe for the operator.

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ERRECOM® AIR CONDITIONING & REFRIGERATION CHEMICAL SOLUTIONS

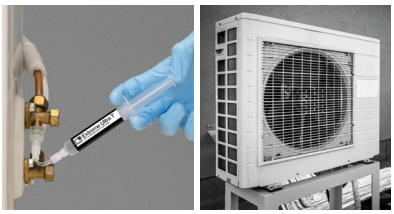
Instructions and Dosage

Notes for HVAC/R and Automotive application

- To ensure that it is a micro-leak that can be repaired with Extreme Ultra T, it is recommended to perform a vacuum test for 5 minutes.
- In the case of empty systems, it is recommended to first recharge them with the correct refrigerant gas.

Air Conditioning and Refrigeration Systems

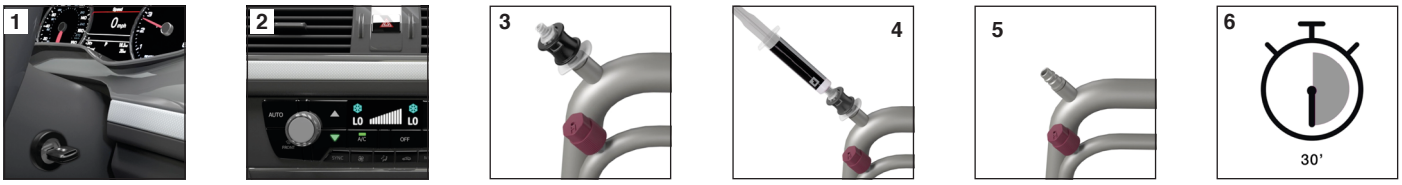
1. Turn the A/C system on and set it to the lowest temperature (if the system has completely run out of refrigerant gas, it must be recharged before proceeding).
2. Locate the A/C system charging port and connect the adapter.
3. Connect the cartridge to the adapter and close the valve (pump down).
4. Insert Extreme Ultra T into the system.
5. Open the valve.
6. Disconnect the cartridge.
7. Let the A/C system run for at least 30 minutes.



1 cartridge (6 mL) fixes systems up to 21 kW or 700 mL of compressor oil.

Vehicle A/C Systems

1. Start the vehicle.
2. Turn the A/C system on and set it to the lowest temperature (if the system has completely run out of refrigerant gas, it must be recharged before proceeding).
3. Locate the A/C system low pressure charging port and connect the adapter.
4. Connect the cartridge to the adapter and insert Extreme Ultra T into the system.
5. Disconnect the cartridge.
6. Let the A/C system run for at least 30 minutes.



1 cartridge (6 mL) fixes 1 vehicle.

Adapters for inserting Extreme Ultra T into AC/R Systems

FLEX HOSE ADAPTER
(included)

Flexible adapter that eases the insertion of the additive into the system if the low-pressure charging port is difficult to reach (always included).

Adapters for Air Conditioning and Refrigeration Systems

1/4 SAE

1/4 SAE adapter (black O-ring) with safety system to prevent refrigerant gas leakage, to be connected to the low-pressure charging port of AC/R systems.

5/16 SAE

5/16 SAE adapter (green O-ring) with safety system to prevent refrigerant gas leakage, to be connected to the low-pressure charging port of AC/R systems operating with R410a and R32.

Adapters for Vehicle A/C Systems

R134a

Black adapter with quick coupler and safety system to prevent refrigerant gas leakage, to be connected to the low-pressure charging port of vehicle A/C systems operating with R134a.

R1234yf

Green adapter with quick coupler and safety system to prevent refrigerant gas leakage, to be connected to the low-pressure charging port of vehicle A/C systems operating with R1234yf.

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Physical and Chemical Properties

Property	Value
Aspect	Clear liquid
Colour	Colourless
Odour	Characteristic
Density	0,86 – 0,94 g/cm³ (at T = 20°C)
Oil solubility	Total
UV fluorescence	No

Refrigerant Gas Compatibility

Extreme Ultra T is compatible with the following refrigerant gases: CFC, HFC, HCFC, HC, HFO, except ammonia (R717).

Categorisation and Labelling

This technical specification is only applicable when it comes with the current Safety Data Sheet. In accordance with legal requirements, only the Safety Data Sheet contains current safety information. The MSDS is available on request.

Safety Instructions

Avoid contact with skin and eyes, inhalation of vapours and mists.
Don't use empty container before they have been cleaned.
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Storage Instructions

Store between +15°C and +35°C.
Store in a dry and well ventilated place.
Keep away from direct sunlight.

Transport Conditions

This product is not regulated for transport according to ADR/RID, IMDG, ICAO/IATA.

Shelf Life

7 years from the production date.

Packaging

Art.-Nr.	Description			
TR1363.AL.01.S2	Cartridge without adapters	30	5400	5400
TR1363.AL.H4.S2	Cartridge with 1/4 SAE adapter	30	5400	5400
TR1363.AL.H8.S2	Cartridge with 5/16 SAE adapter	30	5400	5400
TR1363.AL.H3.S2	Cartridge with 1/4 and 5/16 SAE adapters	30	5400	5400
TR1363.AL.H1.S2	Cartridge with R134a adapter	30	5400	5400
TR1363.AL.H7.S2	Cartridge with R1234yf adapter	30	5400	5400
TR1363.AL.H2.S2	Cartridge with R134a and R1234yf adapters	30	5400	5400

Art.-Nr.	Description			
TR1363.AL6.01.S2	6 cartridges without adapters	12	672	768
TR1363.AL6.H4.S2	6 cartridges with 1/4 SAE adapter	12	672	768
TR1363.AL6.H8.S2	6 cartridges with 5/16 SAE adapter	12	672	768
TR1363.AL6.H3.S2	6 cartridges with 1/4 and 5/16 SAE adapters	12	672	768
TR1363.AL6.H1.S2	6 cartridges with R134a adapter	12	672	768
TR1363.AL6.H7.S2	6 cartridges with R1234yf adapter	12	672	768
TR1363.AL6.H2.S2	6 cartridges with R134a and R1234yf adapters	12	672	768

Pieces per standard pallet Pieces per container pallet

Cartridges and adapters are made of 100% recyclable plastic.
Cases and counter displays are made of 100% recyclable cardboard.

Hazard Statements

Hazard statements: None
Precautionary statements: None

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