

Catalogue MDE

MDE

2023 WHAT'S NEW?

HVAC/R
Edition

 **ERRECOM**[®]
AIR CONDITIONING & REFRIGERATION CHEMICAL SOLUTIONS

Environmental Sustainability.

Not a destination.

A journey to experience.

Awarded as one of the 100 most sustainable Italian companies of 2021 by Forbes, Errecom's 2022 goal is becoming even more sustainable.

Increase in eco-friendly products in support of a circular economy.
Replacing plastic packaging with recycled cardboard.
Use of recycled plastic when the formulation allows it.
Dematerialisation of technical and information material.



THE EXCLUSIVE
1000 MIGLIA LINE



Excellence and Tradition

Errecom is now 1000 Miglia official partner. The same values. The same passion. A full range of excellent products that guarantees maximum efficiency to all air conditioning and refrigeration systems.

errecom.com

ERRECOM[®]
AIR CONDITIONING & REFRIGERATION CHEMICAL SOLUTIONS

The most beautiful and renowned race in the world, a **symbol of the success of "Made in Italy"** for almost 100 years.



World premiere:
Errecom to launch
1000 Miglia
exclusive line



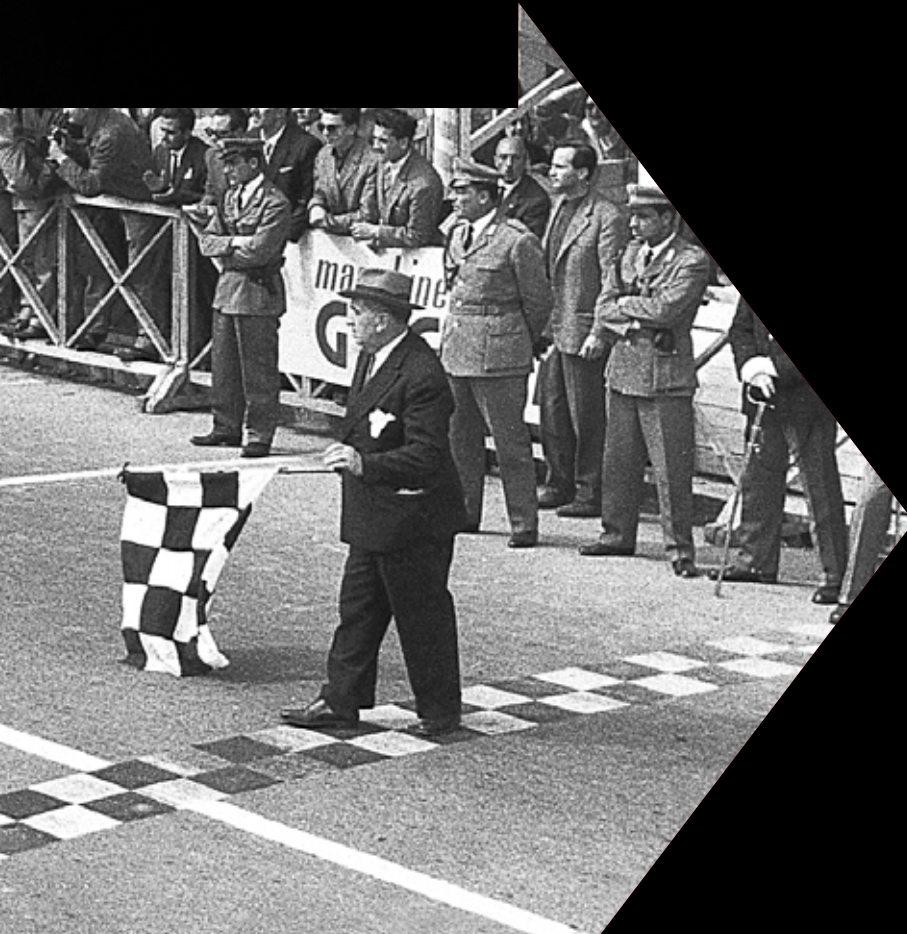
Exclusive Worldwide Partnership

A full range of excellent products that guarantees maximum efficiency to all air conditioning and refrigeration systems.



The same emotions.
The same passion.

We are proud to announce that Errecom has been selected, thanks to its expertise and know-how, **as the official partner of 1000 Miglia to produce the exclusive AC/R maintenance and cleaning line.**



ENERGY DEMAND FROM AIR CONDITIONERS WILL TRIPLE BY 2050*



❑ **Natural gas** in Europe **costs** about **10 times more** than a year ago.

❑ Wholesale **electricity prices** are around **260% higher** than a year ago.**



How to cope with
soaring **energy prices**?

Heat pump
and AC/R
maintenance
is the answer.

Not just an intervention to solve AC/R system breakdowns: maintenance can also be performed to **prevent problems and maintain the efficiency of the system over time**, reducing its energy consumption and environmental impact.



ERRECOM
ROAD TO EFFICIENCY

EFFICIENCY?

IT'S A MATTER OF

CHEMISTRY

What affects heat pump efficiency?

To name a few causes: refrigerant leaks, oil fouling, moisture, and dirty coils.

Air conditioning and refrigeration systems are not only a bunch of mechanical components but are composed of chemical elements too. For the system to work efficiently, it is essential to take care of the refrigerant gas and the refrigeration lubricant over time, avoiding their chemical decay.

Over 20 years of
experience and
research in AC/R
maintenance

Indoor Air Quality

People spend 90% of their time indoors (2013 WHO Europe Report, US Environmental Protection Agency). Negligence in cleaning A/C systems not only reduces their efficiency but also negatively affects air quality by spreading viruses, bacteria, mould, and allergens. This can be a serious health hazard.

AC/R efficiency:

focus on maintenance, checkups, and leaks.

Errecom's offer includes:



What is it?

Acid neutraliser additive

How does it work?

It reduces and prevents the formation of acid residues resulting from the physiological decomposition of refrigerant gas and AC/R compressor lubricant

What does it solve/prevent?

It prevents the acid residues from attacking the metal components of the system, causing refrigerant gas leaks and the AC/R compressor breakdown



What is it?

Anti-moisture additive

How does it work?

It surrounds any water molecules circulating in the AC/R system and, by stabilising the lubricant, prevents the formation of new moisture and extends the life of the filter drier.

What does it solve/prevent?

It prevents the corrosion caused by moisture



What is it?

Performance enhancer for AC/R systems

How does it work?

It removes oil fouling from refrigeration lines

What does it solve/prevent?

Eliminating oil fouling from the walls of the refrigeration lines, it restores heat exchange between the refrigerant gas and the refrigeration lines, the original diameter of the pipes and the efficiency of the system



What is it?

Leak stop additive

How does it work?

It detects micro-leaks (up to 0.3 mm) on the metal, plastic and rubber components of the AC/R system by repairing them with mechanical action without reacting to moisture or oxygen (polymer-free formula)

What does it solve/prevent?

It repairs and prevents micro-leaks, preventing refrigerant from being spread into the atmosphere



What is it?

Antioxidant and anticorrosive additive

How does it work?

It leaves a thin film on the metal components (copper, aluminium, etc.) of the AC/R system protecting them from oxidation and corrosion without interfering with the heat exchange capacity

What does it solve/prevent?

It stops and prevents the oxidation and corrosion occurring within the AC/R system, extending the life of metal components

A broken AC/R compressor or a retrofitting procedure

requires checking on the air conditioning or refrigeration system. In this case of extraordinary maintenance, it is necessary to flush the AC/R system with a specific fluid that will remove:



carbonic and
hydrofluoric acid

moisture

metal filings
and oxide

However, these components can remain, in small percentages, free to circulate within the AC/R system causing the compressor to break down.

In addition, even after flushing with nitrogen,

residual flushing fluid

may remain, reducing the oil's viscosity and lubricating capacity.

The solution is

COMPRESSOR +

Add **Compressor+** to the compressor oil



Eliminates acidity



Neutralises
metal filings



Eliminates moisture



Restores the oil's
lubricating capacity



If not used,
the life of the AC/R compressor may be

drastically
shortened

Flushing Test

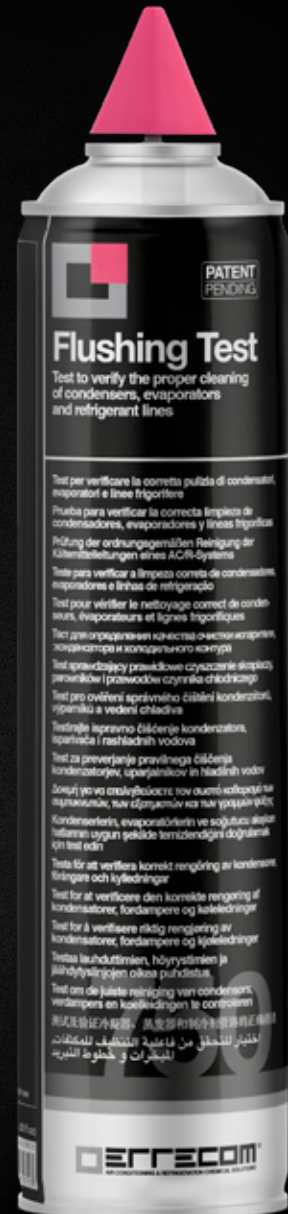
When should you flush an AC/R system?

How can you be sure that the system has been flushed correctly?

What is the right amount of flushing fluid to use?

Leaving **contaminants**, such as condensate, acidity, rust, metal filings, dust, and sand free to flow in the **refrigerant lines** can severely damage the components of AC/R systems.

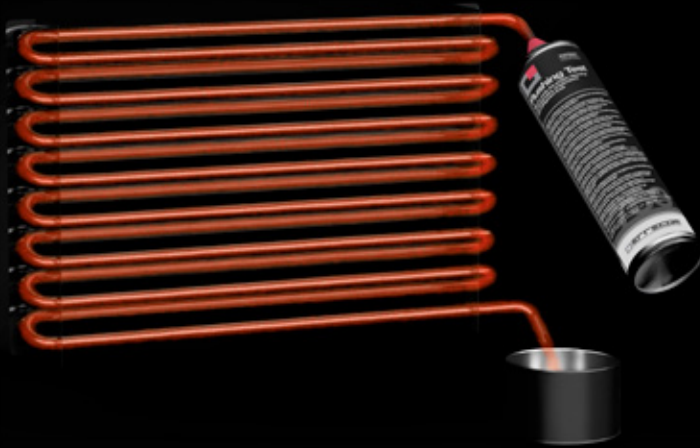
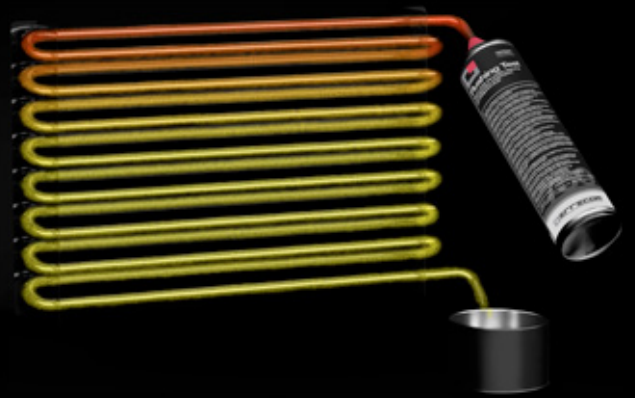
Therefore, it is necessary to **remove** them through professional cleaning and flushing procedures. However, until now, this critical operation has been left to the experience and common sense of HVAC/R technicians, without the possibility of testing its success and result. Thanks to our know-how, this is now possible.



PATENT PENDING

Test to verify the proper cleaning of condensers, evaporators, and refrigerant lines

If the colour **CHANGES**,
FLUSH the system



If the colour
DOESN'T CHANGE,
START the system

Clear and instant result.

Certifies

proper flushing



Not only highly efficient products
but also a commercial offer supported by
creative ideas tailored to
the customer's needs.

The offer is characterised by
different
display solutions
to boost product visibility
in the shop.



Errecom's graphic layout has always been extremely recognizable and distinctive: the contrast between the black packaging and the coloured labels increases product visibility and brand recognition.



Extreme Ultra

Leak Stop

- Permanently repairs leaks up to 0.3 mm on rubber and metal components of AC/R systems.
- Polymer-free: does not react with moisture and oxygen. Does not clog AC/R systems' components.
- Safe for metal and rubber components of AC/R systems.
- Visible when exposed to any UV lamp.
- Non-flammable, non-irritating, safe for the operator.
- Significantly reduces compressor noise.
- Compatible with all refrigeration lubricants.
- Compatible with all refrigerant gases, including CFC, HFC, HCFC, R32 and HFO, except R717 (ammonia).
- The professional choice for preventive maintenance.

Art.-Nr.	Adapters included	€		
TR1163.AL.01.S2	No adapters	-	30	5400
TR1163.AL.H3.S2	1/4 SAE + 5/16 SAE	-	30	5400

Dosage:

1 cartridge (6 mL - 0.2 fl oz) for systems up to 21 kW or 700 mL (23.6 fl oz) of compressor oil.



6 ml



** 80x120xH200 cm

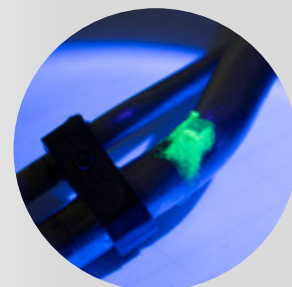
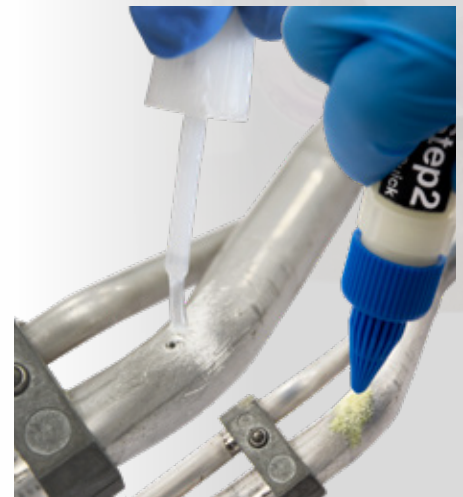


FixQuick

Ultra-fast Leak Stop

- Ultra-fast: takes just 20 seconds to repair refrigerant gas leaks up to 1 mm.
- Pressure resistance:
 - 20 seconds to fix up to 20 bar (290 psi)
 - 20 minutes to fix up to 50 bar (725 psi)
- Resists up to 250°C (482°F).
- Easy to use: STEP 1 - liquid with brush; STEP 2 - powder.
- Can be used on metal and plastic components.
- Can be applied on flat, curved, horizontal or vertical surfaces.
- Ideal for urgent repairs.
- Ideal for repairs where welding cannot be carried out.
- Permanent result.
- Visible with any UV lamp: it allows you to pinpoint and check the condition of previous repairs.



Art.-Nr.	€		
TR1180.01	-	30	-



External

Two-component Putty Leak Stop

- Repairs refrigerant gas leaks up to 5 mm.
- Ideal for urgent repairs.
- Perfectly adheres to metal (copper, aluminium, and steel) and rubber components.
- Can be used on thermoplastic pipes.
- Resists refrigeration lubricant (mineral, POE, PAG, PAO and Alkylbenzene).
- Resists refrigerant gases (CFC, HFC, HCFC, CO₂, including R32 and R1234yf).
- Resists additives and flushing fluids, including chlorinated ones.
- Temperature range use: -100°C to +270°C (-148 °F to 518 °F).
- Can be used on either the high or low side of HVAC/R systems.
- Different pressure resistance depending on the size of the leak:
5 mm = 40 bar (580 psi) - 2 mm = 50 bar (725 psi) - 1 mm = 57 bar (826 psi).
- Easy to use: it can be easily mixed by using two fingers and, once applied, it permanently repairs the leak in 4-5 hours.
- There is no risk of product dispersion in AC/R systems.
- Once dried, it can be easily sanded or removed.

Art.-Nr.	Description	€		
TR1166.01	External	-	60	10800





Best Bubbles Fluo

Refrigerant Gas Leak Detector

- Thick and easy-to-spot bubbles.
- High adhesion power, ready to use.
- Ideal to be used in low visibility situations.
- Operating temperature: from -40°C to +80°C.
- Visible if exposed to any UV lamp.



Best Bubbles Fluo is ideal in poor visibility situations. Leaks result in the formation of large, thick and fluorescent bubbles, visible when exposed to any UV lamp.

Art.-Nr.	Description	Quantity	€		
TR1143.K.S1	Best Bubbles	1 L	-	06	570
TR1161.K.S1	Best Bubbles Fluo	1 L	-	06	570

Best Bubbles Aerosol

Refrigerant Gas Leak Detector

- Detects micro-leaks on AC/R components and refrigerant lines thanks to its high adhesion power to surfaces.
- Ready and easy to use: leaks result in the formation of large, thick bubbles.
- Operating temperature: -40°C to +80°C (-40°F to +176°F).

Art.-Nr.	Description	€		
AB1232.N.01	Best Bubbles Aerosol	-	12	1344
AB1232.N.01.C	Best Bubbles Aerosol with trigger sprayer			





400 ml



Cool-Shot Ultra

Performance Enhancer for AC/R Systems

- Restores and maintains the original efficiency of AC/R systems.
- Removes oil fouling.
- Restores heat exchange in refrigeration lines.
- Increases the efficiency of the compressor lubricant without causing chemical changes.
- Extends compressor life and reduces its noise.
- Reduces the maintenance costs of AC/R systems.
- Reduces the energy consumption of the system and CO₂ emissions.
- Does not alter the refrigerant gas.
- Safe for all air conditioning and refrigeration systems.
- Visible when exposed to any UV lamp.
- Compatible with all refrigeration lubricants.
- Compatible with all refrigerant gases, including CFC, HFC, HCFC, R32 and HFO, except R717 (ammonia).
- The professional choice for preventive maintenance.

Art.-Nr.	Adapters included	€		
TR1170.AL.01.S2	No adapters	-	30	5400
TR1170.AL.H3.S2	1/4 SAE + 5/16 SAE	-	30	5400

Dosage:

1 cartridge (6 mL - 0.2 fl oz) for systems up to 21 kW or 700 mL (23.6 fl oz) of compressor oil.





6 ml



Super-Dry Ultra

Anti-moisture Additive

- Permanently eliminates the formation of moisture inside AC/R systems thanks to the special chemical formula that stabilises the refrigeration lubricant.
- Does not alter refrigerant gases.
- Safe for gaskets and system components, and the compressor.
- Does not weaken the power of the system, nor does it alter its performance.
- Compatible with all refrigeration lubricants.
- Compatible with all refrigerant gases, including CFC, HFC, HCFC, R32 and HFO, except R717 (ammonia).
- The professional choice for preventive maintenance: eliminating moisture, it inhibits acid formation over time.

Art.-Nr.	Adapters included	€		
TR1174.AL.01.S2	No adapters	-	30	5400
TR1174.AL.H3.S2	1/4 SAE + 5/16 SAE	-	30	5400

Dosage:

1 cartridge (6 mL - 0.2 fl oz) for systems up to 21 kW or 700 mL (23.6 fl oz) of compressor oil.



6 ml



No-Acid Ultra

Acid Neutraliser Additive

- Eliminates acid residues (caused over time by refrigeration lubricants, refrigerants moisture, and compressor breakdown) from AC/R systems.
- Prevents compressor breakdown.
- Safe for system components.
- Compatible with all refrigeration lubricants.
- Compatible with all refrigerant gases, including CFC, HFC, HCFC, R32 and HFO, except R717 (ammonia).
- The professional choice for preventive maintenance: it prevents acid from developing over time.

Art.-Nr.	Adapters included	€		
TR1175.AL.01.S2	No adapters	-	30	5400
TR1175.AL.H3.S2	1/4 SAE + 5/16 SAE	-	30	5400

Dosage:

1 cartridge (6 mL - 0.2 fl oz) for systems up to 21 kW or 700 mL (23.6 fl oz) compressor oil.



Compressor+

Restoring Additive for Refrigeration Lubricants

- Restores the optimal working conditions of air conditioning and refrigeration systems after replacing the compressor or flushing the circuit.
- Eliminates and neutralises particles and agents that are potentially hazardous to the newly flushed system components. These include moisture, heavy flushing fluid residues, and contaminants such as hydrofluoric, hydrochloric and carbonic acids that develop as a result of A/C compressor breakage.
- Eliminates the risk of circuit damage after the compressor replacement or circuit flushing.
- Safe for AC/R system components.
- Compatible with all refrigeration lubricants.
- Compatible with all refrigerant gases, including CFC, HFC, HCFC, R32 and HFO, except R717 (ammonia).

Art.-Nr.	Description	€		
TR1162.AL.01.S2	6 mL Cartridge	-	30	5400
TR1162.L.01.S2	12 mL Cartridge	-	30	-
TR1162.C.01.S2	30 mL Cartridge	-	24	-
TR1162.QC.01.S2	45 mL Cartridge	-	24	-
TR1162.E.01.S2	60 mL Cartridge	-	24	-

Dosage:


Amount of Compressor+ to be added in the new compressor lubricant.

Compressor+	6 mL	12 mL	30 mL	45 mL	60 mL
Lubricant	up to 400 mL	up to 800 mL	up to 2 L	up to 3 L	up to 4 L




Adapters for Air Conditioning and Refrigeration Systems

Plastic Straight Adapters


Art.-Nr.	Description	€	
TB5166.S1	Flex Hose (A)	-	30
RV2024.S1	1/4 SAE Adapter (L)	-	20
RV2025.S1	5/16 SAE Adapter (M)	-	20
RK1425.S1	Pack containing (A) + (L)	-	30
RK1426.S1	Pack containing (A) + (M)	-	30
RK1427.S1	Pack containing (A) + (L) + (M)	-	30
RV2021.01*	5/16 SAE Aluminium Adapter (N)	-	20

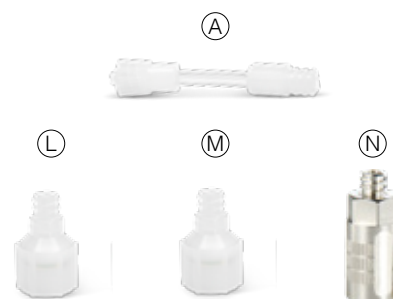
*Available while stocks last

Plastic Flexible Adapters

Art.-Nr.	Description	€	
TB5067.R1	1/4 SAE Adapter (O)	-	20
TB5068.R1	5/16 SAE Adapter (P)	-	20
RK1290	Pack containing (O) + (P)	-	20

Flexible Adapters with Metal Valve and Fittings

Art.-Nr.	Description	€	
TB5022.01	1/4 SAE Adapter (Q)	-	20
TB5023.01	5/16 SAE Adapter (R)	-	20
RK1228	Pack containing (Q) + (R)	-	20



02

Refrigeration Lubricants



**OEM
APPROVED**

POE Lubricants

Errecom's POE lubricants, in all their viscosity levels, are composed of a mixture of polyol esters and additives that aims to achieve:

- excellent lubricity;
- better hydrolytic, chemical, and thermal stability;
- excellent anti-wear protection of the AC/R system components.

Besides, the identification and complete elimination of reaction catalysts make Errecom's POE one of the most stable and least reactive to ester hydrolysis refrigeration lubricants on the market.

The high viscosity index of polyol esters guarantees excellent fluidity (in terms of flow capabilities) at low temperatures and a stable film at high temperatures, thus confirming the maximum efficiency of the lubricant in all operating conditions. Formulated to be highly compatible with AC/R materials components of all types and generations, Errecom POEs are characterised by low toxicity and high biodegradability.

Their reduced hygroscopicity originates from anti-moisture additives, specially designed by Errecom chemists to preserve the characteristics of the lubricant over time as much as possible. In addition, they present electrical insulation and excellent solubility and miscibility with the following group of refrigerant gases: HCFC – HFC – HFO.

Physical Quantity Measured (Unit of Measurement)	Analytical Reference Method	POE 22	POE 32	POE 46	POE 55	POE 68	POE 100	POE 170	POE 220
ISO VG	-	22	32	46	55	68	100	170	220
Kinematic Viscosity @ 40°C (cSt)	ASTM-D445	19,37	30,5	46,3	53,9	68,6	102,28	162,2	226,2
Kinematic Viscosity @ 100°C (cSt)	ASTM-D445	4,23	5,5	7,3	8,2	9,5	11,51	16,66	19,34
Viscosity Index	ASTM-D2270	125	120	121	123	118	99	109	97
Pour Point (°C)	ASTM-D97	-54	-53	-47	-42	-45	-39	-34	-30
Flash Point (°C)	ASTM-D93	288	260	248	240	284	308	328	318
Density @ 15°C (g/cm³)	ASTM-D1298	0,9927	0,978	0,978	0,965	0,978	0,968	0,968	0,975
Moisture Level (ppm)	ASTM-D6304	50	50	50	50	50	75	75	75
Total Acid (mg KOH/g)	ASTM-D974	<0,03	<0,03	<0,03	<0,03	<0,03	<0,04	<0,04	<0,04

POE 22

Art.-Nr.	Qty.	€			Packaging
OL6011.K.P2	1 L	-	12	756	Plastic Tank
OL6011.UP.P2	1 Gal	-	02	196	

POE 32

Art.-Nr.	Qty.	€			Packaging
OL6012.K.P2	1 L	-	12	756	Plastic Tank
OL6012.UP.P2	1 Gal	-	02	196	

POE 46

Art.-Nr.	Qty.	€			Packaging
OL6015.K.P2	1 L	-	12	756	Plastic Tank
OL6015.UP.P2	1 Gal	-	02	196	

POE 55

Art.-Nr.	Qty.	€			Packaging
OL6055.K.P2	1 L	-	12	756	Plastic Tank
OL6055.UP.P2	1 Gal	-	02	196	

POE 68

Art.-Nr.	Qty.	€			Packaging
OL6016.K.P2	1 L	-	12	756	Plastic Tank
OL6016.UP.P2	1 Gal	-	02	196	

POE 100

Art.-Nr.	Qty.	€			Packaging
OL6017.K.P2	1 L	-	12	756	Plastic Tank
OL6017.UP.P2	1 Gal	-	02	196	

POE 170

Art.-Nr.	Qty.	€			Packaging
OL6020.K.P2	1 L	-	12	756	Plastic Tank
OL6020.UP.P2	1 Gal	-	02	196	

POE 220

Art.-Nr.	Qty.	€			Packaging
OL6021.K.P2	1 L	-	12	756	Plastic Tank
OL6021.UP.P2	1 Gal	-	02	196	

CO₂ - POE

Physical Quantity Measured (Unit of Measurement)	Analytical Reference Method	CO ₂ - POE 55	CO ₂ - POE 85
ISO VG	-	55	85
Kinematic Viscosity @ 40°C (cSt)	ASTM-D445	55	84
Kinematic Viscosity @ 100°C (cSt)	ASTM-D445	8,8	11,5
Viscosity Index	ASTM-D2270	142	119
Pour Point (°C)	ASTM-D97	-49	-39
Flash Point (°C)	ASTM-D93	280	272
Density @ 15°C (g/cm ³)	ASTM-D1298	0,982	0,991
Moisture Level (ppm)	ASTM-D6304	40	40
Total Acid (mg KOH/g)	ASTM-D974	<0,03	<0,03

POE lubricants tend to allow a high degree of solubility with CO₂ and contribute to a considerable reduction in viscosity. The higher the pressure, the more significant the amount of refrigerant gas in the lubricant. This pattern is general for all lubricants miscible with refrigerant gas, but the amount depends on the type of refrigerant and lubricant. In the case of POEs, the reduction in viscosity with CO₂ at typical

working pressures in refrigeration systems can lead to a lack of lubrication in some compressor components, especially at the start-up or at high load conditions. Errecom's POE

lubricants for CO₂ are formulated with superior antioxidants, anticorrosive and anti-foaming additives that have been carefully selected to:

- optimise the miscibility with CO₂, thus obtaining an increase in heat exchange even at low temperatures;
- reduce the foam growth, that usually occurs at the start-up of the compressor;
- increase its lubricating power;
- lend a strong protective action to the lubricant towards the materials, even in case of extreme working conditions.

In addition, Errecom's CO₂ - POEs are characterised by low toxicity and high biodegradability.

CO₂ - POE 55

Art.-Nr.	Qty.	€			Packaging
OL6062.K.P2	1 L	-	12	756	Plastic Tank
OL6062.UP.P2	1 Gal	-	02	196	

CO₂ - POE 85

Art.-Nr.	Qty.	€			Packaging
OL6063.K.P2	1 L	-	12	756	Plastic Tank
OL6063.UP.P2	1 Gal	-	02	196	

Mineral Oil

Physical Quantity Measured (Unit of Measurement)	Analytical Reference Method	MINERAL 32/3	MINERAL 46	MINERAL 55/4	MINERAL 68	MINERAL 100/5
ISO VG	-	32	46	55	68	100
Kinematic Viscosity @ 40°C (cSt)	ASTM-D445	32	46	55	68	99
Kinematic Viscosity @ 100°C (cSt)	ASTM-D445	4,6	5,4	6,2	6,6	8,8
Viscosity Index	ASTM-D2270	95	94	96	95	94
Pour Point (°C)	ASTM-D97	-45	-36	-32	-30	-30
Flash Point (°C)	ASTM-D93	190	194	198	200	220
Density @ 15°C (g/cm ³)	ASTM-D1298	0,904	0,91	0,91	0,915	0,905
Moisture Level (ppm)	ASTM-D6304	16	16	18	17	10
Total Acid (mg KOH/g)	ASTM-D974	0,02	0,02	0,02	0,02	0,02
Colour (APHA)	ASTM-D1500	0,5	< 1,0	-	1,0	< 1,0

Errecom's mineral oils are formulated with the finest naphthenic bases and new-generation additives. Although mineral refrigeration oils tend to have a greater environmental impact than synthetic ones, as well as a much lower percentage of humidity and much higher acid, Errecom has developed its mineral oils thanks to its consolidated chemical know-how, selecting additives designed to formulate a lubricant with the following features:

- low toxicity;
- high compatibility with the materials of systems of all types (paying constant attention to developments);
- high solubility and miscibility with refrigerants.

Ideal to be used in systems working with CFCs and natural gases such as ammonia.

MINERAL 46

Art.-Nr.	Qty.	€			Packaging
OL6065.K.P2	1 L	-	12	756	Plastic Tank
OL6065.UP.P2	1 Gal	-	02	196	

MINERAL 68

Art.-Nr.	Qty.	€			Packaging
OL6067.K.P2	1 L	-	12	756	Plastic Tank
OL6067.UP.P2	1 Gal	-	02	196	

MINERAL 32/3

Art.-Nr.	Qty.	€			Packaging
OL6064.K.P2	1 L	-	12	756	Plastic Tank
OL6064.UP.P2	1 Gal	-	02	196	

MINERAL 55/4

Art.-Nr.	Qty.	€			Packaging
OL6066.K.P2	1 L	-	12	756	Plastic Tank
OL6066.UP.P2	1 Gal	-	02	196	

MINERAL 100/5

Art.-Nr.	Qty.	€			Packaging
OL6068.K.P2	1 L	-	12	756	Plastic Tank
OL6068.UP.P2	1 Gal	-	02	196	

240 mL Lubricant Cartridges

EasyGun

EasyGun is Errecom's tool for inserting 240 mL cartridges of additives, UV leak detector dyes, and lubricants in AC/R systems.

Art.-Nr.	Description	€	
IN1032.01	EasyGun	-	01
TB5203.01	1/4 SAE Adapter	-	01
TB5204.01	5/16 SAE Adapter	-	01



POE

Art.-Nr.	Description	€		
OL6011.DQ.01	POE 22	-	06	-
OL6012.DQ.01	POE 32	-	06	-
OL6015.DQ.01	POE 46	-	06	-
OL6055.DQ.01	POE 55	-	06	-
OL6016.DQ.01	POE 68	-	06	-
OL6017.DQ.01	POE 100	-	06	-
OL6020.DQ.01	POE 170	-	06	-
OL6021.DQ.01	POE 220	-	06	-
OL6062.DQ.01	CO ₂ - POE 55	-	06	-
OL6063.DQ.01	CO ₂ - POE 85	-	06	-

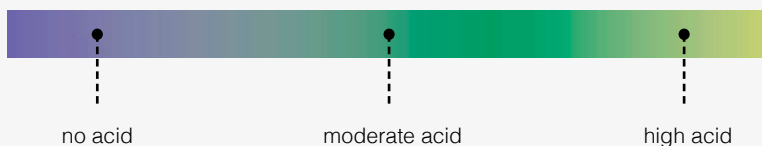
MINERAL OIL

Art.-Nr.	Description	€		
OL6064.DQ.01	MINERAL 32/3	-	06	-
OL6065.DQ.01	MINERAL 46	-	06	-
OL6066.DQ.01	MINERAL 55/4	-	06	-
OL6067.DQ.01	MINERAL 68	-	06	-
OL6068.DQ.01	MINERAL 100/5	-	06	-

Acid-Test

Test to Verify the Presence of Acid in Compressor Oil

- Universal: works with all refrigeration lubricants (POE - ABZ - PAO - PAG - PVE - Mineral).
- Easy to use: just add a few drops of lubricant, shake the bottle and wait a few moments to see the result.
- Quick result in a few seconds.
- Ideal to perform regular preventive maintenance of the compressor.
- Non-flammable and non-toxic.
- Contains 4 test kits.
- Clear and accurate results. The colour indicates the pH range:



Art.-Nr.	€		
RK1349.S1	-	12	2160





Flushing of Refrigerant Lines and AC/R Components



Belnet



Quick Evaporating Flushing Fluid

- Evaporates quickly and completely and does not leave residues.
- Removes old oil, debris, and contaminants.
- Safe for all air conditioning and refrigeration systems.
- Requires manual or pneumatic systems for insertion.
- Flammable.

Art.-Nr.	Description	€		
TR1009.01	1 L Metal Bottle	-	12	480
TR1055.01	5 L Metal Tank	-	02	196

Belnet Aerosol

- Ideal for cleaning small refrigeration lines.
- Ready to use.
- High flushing pressure (8 bar/116 psi).
- Constant pressure until the cylinder is completely empty.
- Does not require additional equipment for insertion.

Art.-Nr.	Description	€		
TR1009.U.M0	600 mL Can with Rubber Cone	-	12	1008





Flushing Hook

Flushing Gun Hook

Tool to connect the flushing equipment to the A/C system. Its small size facilitates the connection to A/C systems even in narrow spaces.

Technical features:



- male connection 1/4" SAE
- size: 80 x 50 mm

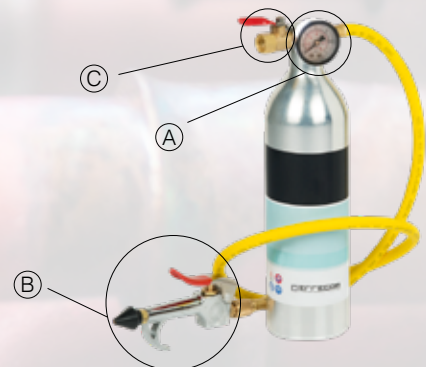
Art.-Nr.	Description	€		
RP1081.01	Flushing Hook 1/4 SAE	-	-	-



Flushing Gun



Affordable equipment for flushing AC/R systems. Volume: 0,75 L. Ball valve with 1/4" female fitting. Hose length: 60 cm. 0÷12 bar gauge. 10 bar safety valve.

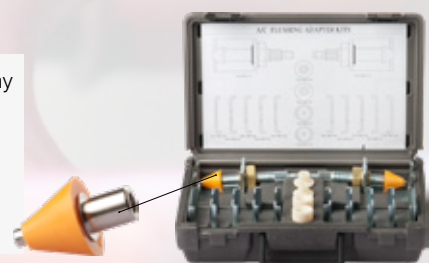
Art.-Nr.	Description	€		
RP1027.01	Flushing Gun	-	01	-
MN1127.01	Spare Gauge	-	01	-
RP1069.01	Spare Flushing Gun	-	01	-
RP1072.01	Spare Ball Valve	-	01	-



Flushing Adapter Kit

These are universal adapters with 1/4 SAE male fitting that allow connection to any components of an AC/R system so that the flushing process can be carried out safely.

Art.-Nr.	Description	€		
RK1332	Adapter Kit	-	01	-
RP1051.01	Spare Cone	-	01	-







Jet Gun


Portable A/C Coil Cleaning Machine

- Designed and tested for use with water, acid and alkaline cleaners.
- Increases the cleaning power of Errecom's cleaners without damaging evaporator and condenser coils.
- Safe for all components of air conditioning and refrigeration systems.
- Working pressure: 6 bar (85 psi).
- 3 interchangeable and resealable 9 Litre (2.4 gal) bags.
- Adjustable spray tip.
- Hose length: 300 cm (118 in).
- Rechargeable battery 12V - 2,200 mH.
- Operating time: up to 30 minutes.
- Includes battery charger 110-220 V.



Art.-Nr.	Description	€		
VP1050.01	JETGUN	-	01	-
VP1052.01	JETGUN PRO	-	01	-

Spare Parts Jet Gun

Art.-Nr.	Description	
RP1067.01	Dispensing Gun	-
RG9014.05	Plastic Quick Coupler Seals	-
RV6037.01	Plastic Female Quick Coupler for Black Hose	-
RV6039.01	Plastic Female Fitting for Connecting Bags	-
RV6038.01	Plastic Male Fitting for Connecting Bags	-
TB1025.01	3 m PVC Hose	-
PW1007.01	12,000 mAh Lithium-ion Battery	-
PW1005.01	Charger	-
RPL001.01	Shoulder Strap	-
FL1100.01	Plastic Bag	-
VP1059.01	Motor pump	-



Acid Coil Cleaner

Acid Condensers Coil Cleaner

- Removes heavy dirt, salt, and scale.
- Non-aggressive and safe for metal components.

Art.-Nr.	Description	€		
AB1255.K.S1	1 L Spray Bottle - RTU	-	06	570
AB1255.UP.01	1 Gallon Tank	-	02	168

CONDENSER
CLEANING
1:3
MAX DILUTION





SGP Coil Cleaner

NSF Certified Universal Alkaline Cleaner

- NSF certified (K5).
- Eco-friendly cleaner: non-foaming formula to ensure faster rinsing.
- Biodegradable.
- Anticorrosive action.
- Scented.

Dilution:

- 1:6 for condensers - 1:10 for evaporators - 1:15 for A/C filters

Art.-Nr.	Description	€		
AB1244.K.S1	1 L Spray Bottle - RTU	-	06	570
AB1244.UP.01	1 Gallon Tank	-	02	168

CONDENSER
CLEANING
1:6
MAX DILUTION

EVAPORATOR
CLEANING
1:10
MAX DILUTION



A/C FILTER
CLEANING
1:15
MAX DILUTION



No-Age

Protective-Anticorrosive Treatment for Outdoors Units

- Creates a protective film that defends surfaces from contaminants such as salt and smog, preventing metal corrosion.
- Maintains unaltered heat exchange.
- Ideal to use on condensers installed in highly oxidising environments (seaside locations, heavily polluted areas) and subject to salt, acid rain, and smog attack.

Art.-Nr.	Description	€		
AB1100.K.S1	1 L Spray Bottle - RTU	-	06	570
AB1100.UP.01	1 Gallon Tank	-	02	168

READY TO USE
RTU



Power Clean-OUT

High-pressure Condenser Cleaner

- Effective foaming action. Effective foaming action. High-pressure cleaner.
- Safe for condenser coils.
- Easily removes even the most stubborn dirt. Effective foaming action.

Art.-Nr.	€		
AB1063.YW.01	-	12	672



750 ml



Power Clean - IN

High-pressure Evaporator Cleaner

- Its special aerosol can is designed to achieve a constant and high-pressure delivery.
- Easily removes even the most stubborn dirt that accumulates on evaporator coils such as dust, grease, etc.
- Dries quickly.
- Does not require rinsing.
- HACCP compliant.

Art.-Nr.	€		
AB1063.U.01	-	12	1008





600 ml



Evaporator Cleaner

Cleaner for Evaporators

- Purifies A/C ducts, incorporating and removing contaminants such as dust, dirt, allergens, and microorganisms that often cause bad odours.
- Restores the indoor air quality releasing a pleasant scent.
- Easy to use thanks to the cannula.
- Quick and effective action. Ready to use. Does not require rinsing.
- Also available in the foaming version EVAPORATOR CLEANER FOAM, whose formula incorporates and removes even the hardest to reach dirt.
- HACCP compliant.

Art.-Nr.	Evaporator Cleaner	€		
AB1084.J.01	200 mL	-	24	2376
AB1084.N.01	400 mL	-	12	1344



Chinook A/C Filter Cleaner

- Easily removes dust, germs, mould, contaminants, and harmful agents.
- Eliminates the causes of bad odours, leaving a pleasant and long-lasting scent.
- Quick and effective application.
- Ready to use.
- HACCP compliant.

Art.-Nr.	Description	€		
AB1077.K.S1	1 L Spray Bottle	-	06	570





1 L



Drizzle Condensate Drain Cleaner

- Removes and prevents the development of algae, mucilage, silt, and mould.
- Prevents air conditioner's condensate drain from clogging.
- Ready to use.
- Non-corrosive.
- liquid formulation, lavender scented.

Art.-Nr.	Description	€		
AB1078.K.S1	1 L Bottle	-	06	570



Drain Tabs Cleaning Tabs for Condensate Drain

- 1/2 tabs every 15/20 days for units up to 12,000 Btu/H (3 kW).
- Prevents the formation of algae, mould, slime and mucilages.
- Prevents A/C condensate drain from getting clogged.

Art.-Nr.	Description	€		
AB1097.01.JA	18 tabs	-	12	-



SealUp Removable AC/R Joint Sealant

- Creates a flexible but strong seal on the threaded or flanged AC/R fittings, adhering to internal surfaces and filling all micro-cracks.
- Prevents vibration from loosening nuts, joints, bolts, etc.
- Easy to remove.
- Can be applied on all plastics and metals.
- Temperature range use: -90°C to +200°C (-130°F to +392°F).
- Pressure range use: full vacuum and up to 500 bar/7250 psi.
- Resists refrigerant gases, combustible gases, refrigeration lubricants, fuels, solvents, industrial gases.
- Threaded spout for better sealing.



Art.-Nr.	Description	€		
TR1157.Y.01	50 mL Tube	-	30	5400



Apollo Cleaner for Solar Panels

- Removes even the heaviest and most stubborn dirt such as dust, debris, scale, etc. from solar panels.
- Once rinsed off, it leaves a protective film on the solar panel that slows down the growth of new deposits and protects it from corrosion.
- Restores and maintains the efficiency of solar panels over time.
- Alkaline-based formula.
- Does not damage surfaces; also safe for plastics.
- Safe for solar panels: it does not affect their performances and does not get absorbed.



Art.-Nr.	Description	€		
AB1086.K.S1	1 L Spray Bottle - RTU	-	06	570
AB1086.P.01	5 L Tank	-	02	144

1:2
MAX DILUTION

Sunlit Solar and Photovoltaic Panel Descaler

- Acid descaler to remove from solar and photovoltaic panels heavy-duty encrustations (salt, rust, limestone, concrete, chalk residues, inorganic dirt).
- Avoid reduction in systems' performance.
- Safe for the panels' surfaces.
- Easy to use.
- Does not affect the transparency of the panel.
- Resists high temperature and UV rays.
- Long-lasting protection.



Art.-Nr.	Description	€		
AB1254.K.S1	1 L Spray Bottle - RTU	-	06	570
AB1254.P.01	5 L Tank	-	02	144

1:2
MAX DILUTION





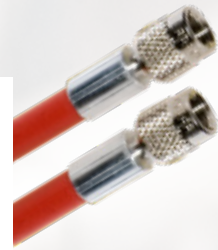
ERRECOM Charging Hoses SAE J2196 SAE J2888

In-line swivel connections 1/4 SAE

Cm	Blue	Red	Yellow	€
100	TB7451B	TB7451R	TB7451Y	-
150	TB7802B	TB7802R	TB7802Y	-
200	TB7551B	TB7551R	TB7551Y	-
300	TB7651B	TB7651R	TB7651Y	-
350	TB7751B	TB7751R	TB7751Y	-

In-line swivel connections 5/16 SAE

Cm	Blue	Red	Yellow	€
100	TB7452B	TB7452R	TB7452Y	-
150	TB7803B	TB7803R	TB7803Y	-
200	TB7552B	TB7552R	TB7552Y	-
300	TB7652B	TB7652R	TB7652Y	-
350	TB7752B	TB7752R	TB7752Y	-



In-line swivel connections at 45° 1/4 SAE

Cm	Blue	Red	Yellow	€
100	TB7487B	TB7487R	TB7487Y	-
150	TB7804B	TB7804R	TB7804Y	-
200	TB7587B	TB7587R	TB7587Y	-
300	TB7283B	TB7283R	TB7283Y	-
350	TB7907B	TB7907R	TB7907Y	-

In-line swivel connections at 45° 5/16 SAE

Cm	Blue	Red	Yellow	€
100	TB7488B	TB7488R	TB7488Y	-
150	TB7805B	TB7805R	TB7805Y	-
200	TB7588B	TB7588R	TB7588Y	-
300	TB7284B	TB7284R	TB7284Y	-
350	TB7908B	TB7908R	TB7908Y	-



In-line swivel connections at 90° 1/4 SAE

Cm	Blue	Red	Yellow	€
100	TB7489B	TB7489R	TB7489Y	-
150	TB7806B	TB7806R	TB7806Y	-
200	TB7589B	TB7589R	TB7589Y	-
300	TB7285B	TB7285R	TB7285Y	-
350	TB7909B	TB7909R	TB7909Y	-

In-line swivel connections at 90° 5/16 SAE

Cm	Blue	Red	Yellow	€
100	TB7490B	TB7490R	TB7490Y	-
150	TB7807B	TB7807R	TB7807Y	-
200	TB7590B	TB7590R	TB7590Y	-
300	TB7286B	TB7286R	TB7286Y	-
350	TB7910B	TB7910R	TB7910Y	-



Ball valve 1/4 SAE connection

Cm	Blue	Red	Yellow	€
100	TB7463B	TB7463R	TB7463Y	-
150	TB7808B	TB7808R	TB7808Y	-
200	TB7563B	TB7563R	TB7563Y	-
300	TB7663B	TB7663R	TB7663Y	-
350	TB7763B	TB7763R	TB7763Y	-

Ball valve 5/16 SAE connection

Cm	Blue	Red	Yellow	€
100	TB7464B	TB7464R	TB7464Y	-
150	TB7809B	TB7809R	TB7809Y	-
200	TB7564B	TB7564R	TB7564Y	-
300	TB7664B	TB7664R	TB7664Y	-
350	TB7764B	TB7764R	TB7764Y	-

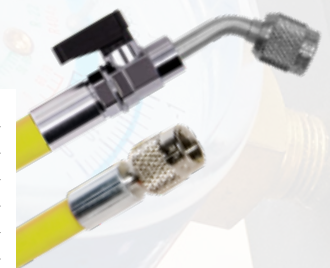


Ball valve at 45° 1/4 SAE

Cm	Blue	Red	Yellow	€
100	TB7491B	TB7491R	TB7491Y	-
150	TB7810B	TB7810R	TB7810Y	-
200	TB7591B	TB7591R	TB7591Y	-
300	TB7287B	TB7287R	TB7287Y	-
350	TB7911B	TB7911R	TB7911Y	-

Ball valve at 45° 5/16 SAE

Cm	Blue	Red	Yellow	€
100	TB7492B	TB7492R	TB7492Y	-
150	TB7811B	TB7811R	TB7811Y	-
200	TB7592B	TB7592R	TB7592Y	-
300	TB7288B	TB7288R	TB7288Y	-
350	TB7912B	TB7912R	TB7912Y	-



Ball valve at 90° 1/4 SAE


Cm	Blue	Red	Yellow	€
100	TB7493B	TB7493R	TB7493Y	-
150	TB7812B	TB7812R	TB7812Y	-
200	TB7593B	TB7593R	TB7593Y	-
300	TB7289B	TB7289R	TB7289Y	-
350	TB7913B	TB7913R	TB7913Y	-

Ball valve at 90° 5/16 SAE

Cm	Blue	Red	Yellow	€
100	TB7494B	TB7494R	TB7494Y	-
150	TB7813B	TB7813R	TB7813Y	-
200	TB7594B	TB7594R	TB7594Y	-
300	TB7290B	TB7290R	TB7290Y	-
350	TB7914B	TB7914R	TB7914Y	-




□ Ball Valves with In-line Swivel Connection

Art.-Nr.	Male	Female	
RP1119.R1.*S1	1/4 SAE	1/4 SAE	01
RP1819.R1.*S1	1/4 SAE	3/8 SAE	01
RP1919.R1.*S1	3/8 SAE	3/8 SAE	01
RP1035.R1.*S1	1/2 ACME	1/4 SAE	01
RP1719.R1.*S1	1/4 SAE	5/16 SAE	01
RP1319.R1.*S1	5/16 SAE	1/4 SAE	01
RP1619.R1.*S1	5/16 SAE	5/16 SAE	01

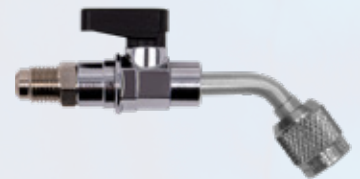
* ADD TO ART-NR: Y = YELLOW VALVE, B = BLUE VALVE, R = RED VALVE, G = GREEN VALVE, W = WHITE VALVE




□ Ball Valves with In-line Swivel Connection 45°

Art.-Nr.	Male	Female	
RP1170.R1.*	1/4 SAE	1/4 SAE	01
RP1270.R1.*	3/8 SAE	1/4 SAE	01
RP1370.R1.*	5/16 SAE	1/4 SAE	01
RP1170.R1.*	1/4 SAE	5/16 SAE	01
RP1670.R1.*	5/16 SAE	5/16 SAE	01

* ADD TO ART-NR: Y = YELLOW VALVE, B = BLUE VALVE, R = RED VALVE, G = GREEN VALVE, W = WHITE VALVE




□ Ball Valves with In-line Swivel Connection 90°

Art.-Nr.	Male	Female	
RP1171.R1.*	1/4 SAE	1/4 SAE	01
RP1371.R1.*	5/16 SAE	1/4 SAE	01
RP1771.R1.*	1/4 SAE	5/16 SAE	01
RP1671.R1.*	5/16 SAE	5/16 SAE	01

* ADD TO ART-NR: Y = YELLOW VALVE, B = BLUE VALVE, R = RED VALVE, G = GREEN VALVE, W = WHITE VALVE




□ Ball Valves with Male Fitting

Art.-Nr.	Description	
RP1631.R1.*S1	1/4 SAE x 1/4 SAE	01
RP1636.R1.*S1	5/16 SAE x 5/16 SAE	01

* ADD TO ART-NR: Y = YELLOW VALVE, B = BLUE VALVE, R = RED VALVE, G = GREEN VALVE, W = WHITE VALVE




□ Spare Parts for Charging Hoses and Ball Valves

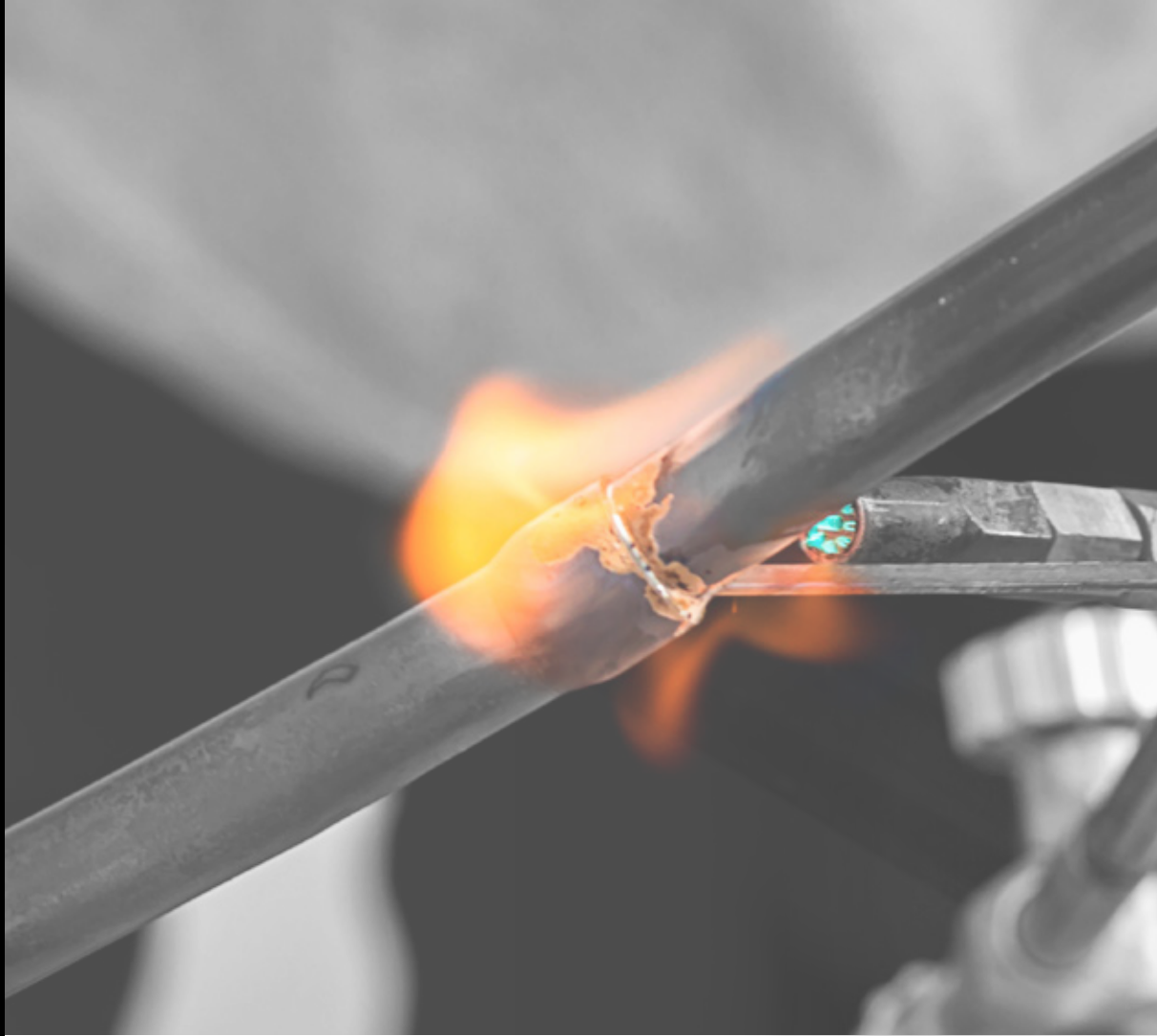
Art.-Nr.	Description		€
RG9010.01	Gasket in HNBR for 1/4 - 5/16 SAE - 1/2 ACME	01	-
RG9012.01	Gasket in NEOPRENE for 1/4 - 5/16 SAE - 1/2 ACME	01	-
RG9002.01	Gasket in HNBR for 3/8 SAE	01	-
TBR901.01	Hose Depressor	01	-



□ Shut off

Art.-Nr.	Description		€
RV6047.S1	1/4 M x 1/4 SAE - Black	01	-
RV6048.S1	1/4 M x 5/16 SAE - Green	01	-





Weld+

Cleaner and Booster for Welding


- Optimises and reduces welding and soldering time.
- Ensures excellent welding tight.
- Ensures thorough cleaning of the surfaces to be welded.
- Leaves a dry, stain-free surface.
- Easy to use.
- Safe for the operator.
- Suitable for use on iron, steel, copper, brass, aluminium.
- Also ideal for welding of copper and copper alloys, copper and steel alloys, copper and brass alloys, copper and bronze alloys, copper and stainless steel alloys, brass and stainless steel alloys.

STEP 1 – Deoxidizing Cleaner

- Removes oxides caused by the atmosphere (rust) and by welding or heat treatments, calamine from metal and steel, oxide layers and encrustations of any kind from alloys such as copper and brass.
- Pickling action.
- Protects surfaces from oxidation for approx. 90 min.

STEP 2 – Protective Neutraliser

- Removes any residues resulting from the application of step 1 and the welding work carried out.
- Prevents the growth of oxides after welding.
- Protects the metal from corrosion by creating a protective film.

Art.-Nr.	€		
TR1194.01	-	12	-



Stop Heat Heat Blocking Putty for Welding



- Absorbs and stops the heat during welding or soldering, preventing the areas around the point from burning or deforming.
- Avoids expensive heat damages by protecting components or materials during welding/soldering.
- Compatible and safe also for painted or varnished surfaces.
- Putty formulation: it perfectly adheres without dripping, slipping, or leaving residue.
- Re-usable up to 40 times.
- Easy to use.
- Safe and non-toxic formulation.



Art.-Nr.	Description	€		
TR1173.01	500 gr Jar	-	12	-



Protect Gel Heat Blocking Gel for Welding

- Protects surrounding surfaces from heat and flame during welding or soldering operations.
- Avoids expensive heat damages by protecting components or materials during welding/soldering.
- Compatible and safe also for painted or varnished surfaces.
- Gel formulation: it perfectly adheres without dripping, staining, or leaving residue.
- Easy to use.
- Safe and non-toxic formulation.

Art.-Nr.	Description	€		
TR1141.K.01	1 L Spray Bottle	-	06	570



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Masterclasses, webinars, and on-site training courses designed to provide AC/R technicians with the specialist training they need to carry out the best system maintenance.

By joining Errecom Academy, you will meet our experts and members of the R&D department, who will share their know-how gained from years of study and research in the field and collaborations with the best OEMs in the industry.

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ERRECOM SPA Via Industriale, 14 25030 Corzano (BS) Italy Tel. +39 030 971 9096