

Technical Data Sheet (TDS)

Product Identification

MPN: HCLEAK12R
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Country of Origin: United States



HCLEAK12R Pro Leak Sealer w/ 45° Swivel Adapter for Easy Access Application

HCPRO® HCLEAK12R Pro Leak Sealer – The Ultimate Solution for Leak-Free Automotive AC Systems!

Introduction

The Pro Leak Sealer Syringe single-application leak-sealing additive engineered to permanently seal micro-leaks in metal and rubber A/C system components—evaporators, condensers, hoses, gaskets, and O-rings—while reducing vent temperatures by 3°–9° and extending compressor life. Engineered to permanently seal leaks in automotive AC, refrigeration, and HVAC-R systems. Each pack includes twelve 0.25 fl oz (7.4 mL) syringe applicators—providing up to twelve individual treatments per kit (3 fl oz total).

Integrating seamlessly into standard service procedures. Its proprietary, non-polymer formula is compatible with R134a, HFO-1234yf, and R12 refrigerants, as well as PAG, ester, PAO, and mineral oils, and is safe for use in electric and hybrid A/C systems. Manufactured in an ISO 9001-certified facility, this additive meets stringent quality and environmental standards, featuring non-clogging, HFC-free aerosol technology and full compatibility with recovery and reclamation equipment.

Key Features & Benefits

- **45° Swivel Adapter for access to tight spots** — ensures precise application into evaporators, condensers, hose gaskets and O-rings.
- **Universal Compatibility with all refrigerants** (R134a, HFO-R1234YF, R410A, R22/replacements, R404A, R290, R600a, new blends) and all lubricants.
- **Non-Hazardous Formula** — won't harm A/C system parts; no OSHA or GHS hazard classification.
- **Corrosion Protection** additive package prevents future leaks due to corrosion.
- **Residue-Free & Reusable** — leaves no residue, adapter and check-valve design allow multiple treatments per system.
- **Compact, Waste-Minimizing Design** — single-use syringes reduce waste; display box keeps units organized.

Recommended Applications

- **Automotive A/C system leak repair.**
- **Residential and commercial HVAC-R equipment.**
- **Refrigeration circuits in freezers, coolers, ice machines.**
- **Preventive maintenance on micro-leak-susceptible components.**

PHYSICAL & CHEMICAL PROPERTIES

PROPERTY	TYPICAL VALUE
Appearance	Bright, clear liquid
Odor	Mild, characteristic of additive package
pH	Proprietary / not disclosed
Specific Gravity (25 °C)	Proprietary / not disclosed
Flash Point	> 200 °F (> 93 °C) (proprietary)
Solubility	Insoluble in water; miscible with refrigerants
Service Temperature Range	–40 °F to +250 °F (–40 °C to +121.1 °C)
Composition	Proprietary additive package; brass/stainless-steel adapter

Performance Standards & Compliance

- **Hazard Classification:** Non-hazardous; not regulated under OSHA HCS/GHS.
- **Regulatory:** Prop 65 warning applies per California law.
- **OEM Alignment:** Designed for professional use; seals per vehicle manufacturer guidelines.

Equipment & Material Compatibility

- **Systems:** Automotive A/C, HVAC-R, refrigeration units.
- **Materials:** Evaporators, condensers, rubber hose gaskets, O-rings.
- **Refrigerants:** R134a, R410A Freon, R22 & replacements, R1234yf, R404A, R290, R600a, and emerging blends.
- **Lubricants:** All PAG, POE and mineral-based oils.

Contact Information

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- **Storage Conditions:** Store in original box at 50–120 °F (10–49 °C), away from direct sunlight.
- **Shelf Life:** Minimum 2 years when stored per above.
- **Handling:** Wear gloves if desired; avoid impacting syringes; keep caps on until use.

Packaging & Availability

Package Type	Net Volume	Case Pack
Counter display box	(0.25 fl oz each; total net 3 fl oz / 85 mL)	12 syringes

All packaging is made in the USA

Safety & First Aid

- **Inhalation:** None anticipated; product in closed syringe.
- **Skin Contact:** Wash with soap and water.
- **Eye Contact:** Rinse thoroughly with water.
- **Ingestion:** Rinse mouth; do not induce vomiting; seek medical attention if needed.
- **Note:** No GHS pictograms; no required PPE beyond normal good practices.

Environmental & Disposal

- **Environmental:** Non-ozone-depleting; no VOC regulations applicable.
- **Disposal:** Dispose of empty syringes and packaging as non-hazardous waste per local regulations.

Made in USA

For Safety Data Sheet (SDS), scan the QR code or visit:

www.hcproproducts.com



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