



ISO 9001 CERTIFIED

## RISLONE TECHNICAL BULLETIN

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Rislone Liquid Aluminium™ Cooling System Radiator Stop Leak

Part #: 41186

# RISLONE LIQUID ALUMINUM™ STOP LEAK

Rislone Liquid Aluminium™ Cooling System / Radiator Stop Leak is the best radiator stop leak money can buy. Scientifically formulated to permanently seal coolant leaks that are the cause of most overheating problems. **Liquid Aluminium™** is part of the next generation stop leak line which not only seal leaks, but also conditions the system. Contains Xtreme Cool™ which stops overheating and reduces water temperature. It will safely and easily seal leaks in plastic, aluminium and metal (copper / steel) radiators, heater cores, gaskets and welch plugs. Works in cars, trucks, vans, Utes, SUV's and RV's. Use with all types of antifreeze including conventional green or blue (silicate-based) and extended life red/orange or yellow (OAT / HOAT) antifreeze. For most vehicles leaks stop instantly.



**NOTE:** Cooling systems that are dirty or partially clogged should be flushed before usage. Protect from freezing.

### DIRECTIONS

1. Allow engine to cool. Make sure engine is cool enough so radiator cap can be safely removed.
2. Shake well. Pour **LIQUID ALUMINUM™** directly into radiator. If using in a small cooling system, such as 4 cylinders with no air conditioning, install ½ of bottle.  
**TIP:** If direct access to radiator is not available, install in overflow tank.
3. Fill radiator and overflow tank to proper level and reinstall radiator cap.
4. Drive/idle engine for 10 to 20 minutes.
5. Leave **RISLONE LIQUID ALUMINUM™** in the cooling system for continued protection.

Part Number:	41186
UPC Item:	0 78615 41186 3
UPC Case:	1 00 78615 41186 0
Bottle Size:	479 g
Bottle Size (cm):	6.6 x 6.6 x 18.8
Bottle Cube:	819
Case Pack:	6 bottles
Case Size (cm):	20.6 x 14.0 x 20.1
Case Cube:	5797
Case Weight (kg):	3.3
Pallet:	TI 39 HI 5 Total 195
Pallet Height (m):	1.1

### DOSAGE

Use – 1/2 (half) bottle in a small cooling system, such as 4 cylinders with no A/C. Use 1 (one) bottle for regular size systems, most 4, 6, 8 and 10 cylinder engines. For larger systems, use 1 bottle for every 12 litres of cooling system capacity.

## THE BEST RADIATOR STOP LEAK MONEY CAN BUY

### STOP LEAK

Liquid Aluminium™ safely seals leaks in plastic, aluminum and metal radiators, heater cores, gaskets and welch plugs. One of the few products to meet ASTM D6107 requirements for Stop Leak Additives used in Engine Coolants.

### XTREME COOL™

Xtreme Cool™ reduces the surface tension of coolant increasing the wetting ability. This improves heat transfer reducing coolant temperature helping to prevent overheating and leaks.

### ASTM D6107 LABORATORY TEST

Standard Specification for Stop-Leak Additive for Engine Coolants Used in Light Duty Service

#### Part 1: ASTM D1881 TEST

Standard Test Method for Foaming Tendencies of Engine Coolants

RUN # 1	1	2	3	Average
Foam Volume (mls)	75	80	75	75
Break Time (sec)	1.8	1.8	1.8	1.8

RUN # 2	1	2	3	Average
Foam Volume (mls)	85	85	80	85
Break Time (sec)	1.8	1.8	1.8	1.8

#### Part 2: ASTM D3147 TEST

Standard Test Method for Testing Stop-Leak Additives for Engine Coolants.

This test method covers screening procedures for the preliminary evaluation of leak-stopping materials intended for use in engine cooling systems.

Sample Run	Gum		Particles		Screen	Final Round	Final Slot	Fluid Lost
	Before	After	Before	After				
1	No	No	No	No	0.030"	0.025"	0.010"	540
2	Yes	No	No	No	0.030"	0.025"	0.010"	600
<b>Average</b>	Yes	No	No	No	0.030"	0.025"	0.010"	570

The results of this test show that a 0.025" (0.635mm) round hole and a 0.010" (0.254mm) wide slot can be successfully sealed with this product with a minimal fluid loss.