

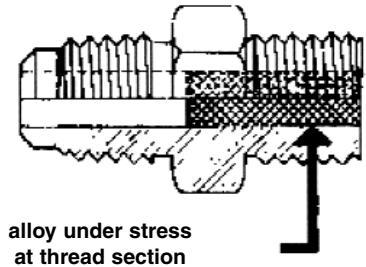
About Fusible Plugs
 Another Exclusive by **REFRIGERATION RESEARCH**, INC.

LEEK PRUF[®] FUSIBLE PLUGS

Why Do OLD STYLE FUSIBLE PLUGS LEAK?

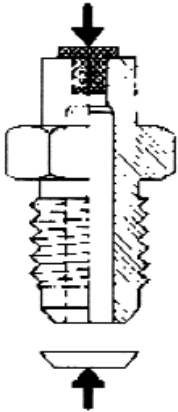
Old style plugs may leak at two places.

- (1) Through the threads or
 - (2) Through cracks in the alloy.
- (1) A pipe thread will leak unless there is severe interference or jamming of the threads or unless some kind of pipe compound is used to cement closed the space between threads. The compound may hold during factory tests but a few months later refrigerant may penetrate the compound and a leak result.
 - (2) Or, if the threads are jammed through tightening, a stress is placed upon the alloy in the conventional plug and a crack at the alloy results.



Why Do "Leek Pruf"[®] Plugs Eliminate Leaks?

alloy not under stress



Attached Copper gasket makes permanent seal

- (1) The "Leek Pruf" plug has a male flare to connect to a female flare on the receiver or accumulator. A soft copper gasket which comes attached and oiled is used and pipe compound is eliminated. The result is a permanent leak tight connection.
- (2) Alloy in the "Leek Pruf" plug is located so that it is not disturbed or under stress when the plug is tightened since the section of the plug containing alloy is not contained within the threaded section. Since "Leek Pruf" plugs by Refrigeration Research use an eutectic alloy (melts sharply at one temperature) and the alloy is not distorted, the relief temperature is positive.

LEEK PRUF[®] PLUGS ARE EXCLUSIVE ON RECEIVERS AND ACCUMULATORS BY REFRIGERATION RESEARCH.

APPROVED AND USED BY LEADING CONDENSING UNIT AND SYSTEM MANUFACTURERS.

982



984



FITTING TO RECEIVER 1/4 SAE FLARE PART NO.	FITTING TO RECEIVER 3/8 SAE FLARE FITTING TO OUTSIDE TUBE 1/2 SAE FLARE PART NO.
982-430°	984-430°

U.S. Patent Nos. 3,139,103; 5,076,313

Fusible Alloy: 430°F

File No. SA 3584

