

Eaton EverCool
A/C hose family



Performance that keeps
you cool...EverCool



EATON

Powering Business Worldwide



Meet Eaton's full family of mobile A/C hoses

Setting new standards for hose performance, flexibility and durability in the mobile A/C industry.



Customers today are demanding more from their vehicles. Every component and system have to work harder and last longer, delivering consistent results mile after mile. Couple that with evolving environmental standards and you have manufacturers wondering how to design vehicles that are both productive and environmentally sustainable.

The answer, the EverCool™ family of high-performance A/C hoses.

Our complete portfolio, which now includes the new EC007 barrier hose, as well as the industry-leading GH001 veneer hose and FC800 large bore hose, now provides options for the full range of mobile A/C applications, including bus, truck, agricultural, military and construction vehicles. And all three hoses in the portfolio are qualified with multiple refrigerants, including R1234yf.

EverCool EC007 A/C hose



Goes beyond
performance
expectations.

Eaton's EverCool EC007 Type C barrier hose is the newest addition to our portfolio, intended for truck, agricultural and construction customers and is designed for improved fracture and kink resistance ultimately reducing hose damage that occurs when bending the hose in difficult or tight installations or through normal wear and tear. In addition, EC007 A/C hose has better permeation than any other Type C hose to minimize refrigeration loss, reducing environmental impact, downtime and cost associated with "topping off the system". Constructed with a thermoplastic barrier layer between textile-reinforced elastomeric layers, and an outer cover built with a heat, ozone, and UV-resistant synthetic elastomer, EC007 is competitively priced and has the best performance of any Type C on the market.

Applications



Trucks



Agriculture



Construction

EverCool GH001 A/C hose



Superior performance and versatility for the most demanding applications.

With industry-leading features like near-zero permeation, a tighter bend radius and the widest temperature range in its class, Eaton's EverCool GH001 mobile A/C hose is an SAE J2064 Type E veneer hose that's setting an entirely new standard for performance. Plus, GH001 hose is qualified with several refrigerants and refrigerant oils including the emission-reducing R1234yf, helping you meet a variety of customer, industry and environmental requirements with a single, versatile hose. Forget sacrifices and tradeoffs – with EverCool GH001 A/C hose, you can help customers meet productivity goals and sustainability guidelines with ease.

Applications:



Truck A/C & Refrigeration



Bus



Agriculture



Construction

E-Z Clip system for A/C refrigerant hoses

Eaton offers one of the simplest A/C hose assembly systems on the market today, the E-Z Clip™ system.

The E-Z Clip system for air conditioning hose assembly was designed to be a flexible installation option without the need for a sizeable investment in crimp tooling. Whether used for service in the field or your primary method of assembly, E-Z Clip has you covered. E-Z Clip hose ends are available in hundreds of different configurations and designed for assembly with Eaton's multi-refrigerant GH001 hose. If you are servicing the heavy-duty truck, construction and agriculture market, the E-Z Clip system is a necessity. Eaton's E-Z Clip hose and fitting connection exceeds SAE J2064 and has been vibration and impulse tested to perform in demanding applications.

EverCool GH001 A/C hose outperforms all competitive products in the areas that matter most to customers:

Widest temperature range

While the max SAE-specified temperature is rated for 125°C, GH001 hose performs from -40°C up to +140°C and features the widest operational temperature range of any hose in its class delivering outstanding performance in the most extreme conditions.

Near-zero permeation

Eaton's patented tube technology virtually eliminates gas loss (<1kg/m²/yr with R1234yf), reducing the environmental impact and the downtime and costs associated with "topping off" the system.

Superior flexibility and kink resistance

With the tightest bend radius in its class, the GH001 hose gives you more install flexibility, reducing the likelihood for hose damage.

Durable construction to last longer

Even in direct sunlight, its UV-resistant hose cover contributes to an incredibly long hose life and our unique four-layer hose construction (tube, backing layer, poly braid and EPDM cover) is tough enough to resist wear and collapse, making it ideal for the most demanding applications.

Multiple fitting options

The EverCool GH001 hose can be factory crimped or field crimped using the patented E-Z Clip fitting system which lets you repair broken or leaking hoses in just a few simple steps, ensuring when you purchase an Eaton hose, it's securely and reliably sealed.



Benefits of Eaton's E-Z Clip system:

- No guess work
- No power supply needed
- No leaking crimps
- Easy to use in confined areas
- Reduces installation time by 50%
- With an industry leading 3-year warranty, the Eaton E-Z Clip fitting is both easy to install and guaranteed to last.

EverCool FC800 A/C hose



Best permeation performance of any large bore A/C hose on the market.

EverCool FC800 Type B large bore A/C hose is the right hose and connector system for metro, touring and other large bus air conditioning applications and has the lowest permeation of any large bore hose in the industry – **as much as 10 times better.**

The highly engineered design of FC800 significantly reduces the downtime and maintenance costs associated with “topping off the system” after the system has been idle during the cool-temperature months. The FC800 core is made of a blended CR rubber material, a synthetic characterized by its long-lasting elasticity, heat resistance and excellent resistance to a number of refrigerants and compressor oils. With virtually 1/2 the bend radius of comparable large bore hoses, FC800 offers significantly greater flexibility and therefore withstands the high mechanical stress coming from the engine.

Applications



Large bus



Train



Military

Compare models

Compare our complete offering of A/C hoses and their associated features to understand which hose best fits your application.

	FC800 Large bore hose	EC007 Barrier hose	GH001 Veneer hose
Type	Type B	Type C	Type E
Construction	Synthetic elastomeric tube with steel wire reinforcement. Cover is heat-resistant textile yarn impregnated with a synthetic elastomeric cement.	Thermoplastic barrier between elastomeric layers. Textile reinforcement. Outer cover heat and ozone resistant synthetic elastomer.	Thermoplastic veneer lining inside diameter with elastomeric tube outer layer. Textile reinforcement. Outer cover heat and ozone resistant synthetic elastomer.
Available sizes	-12, -16, -20, -24	6, -8, -10, -12, -14	-4, -6, -8, -10, -12, -16
Hose fittings	Factory crimp and field attachable	Crimp fittings	E-Z Clip system & factory crimp

The Eaton difference

Proven process, powerful performance and a global footprint

Eaton, a world leader in manufacturing of A/C hoses has the engineering expertise and global manufacturing capabilities required for strong and agile relationships with our OEM and Distribution partners.

With over 100 years of manufacturing expertise, and a fully integrated global manufacturing footprint, Eaton is one of the largest manufacturers of fluid conveyance products in the world. This means quick delivery for customers all over the world. Eaton not only makes the OEM assemblies, but also makes all the components that go into the assembly. We manufacture and stand behind the performance of all parts of our hose assemblies to deliver superior quality and performance.

This expertise, coupled with our Eaton application engineers and global network of Eaton-certified experts, ensures we are able to offer end-to-end service and support almost anywhere you need it.

When performance, flexibility and durability matter, the A/C hose you choose matters. That's why more engineers are choosing Eaton.

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