

Eaton GH001 EverCool™ A/C Hose
Mobile A/C Hose

Near-zero permeation. Widest temperature range.

Setting a new standard for mobile A/C hose.



EATON

Powering Business Worldwide



The future of reliable A/C and Refrigeration hose is here today.

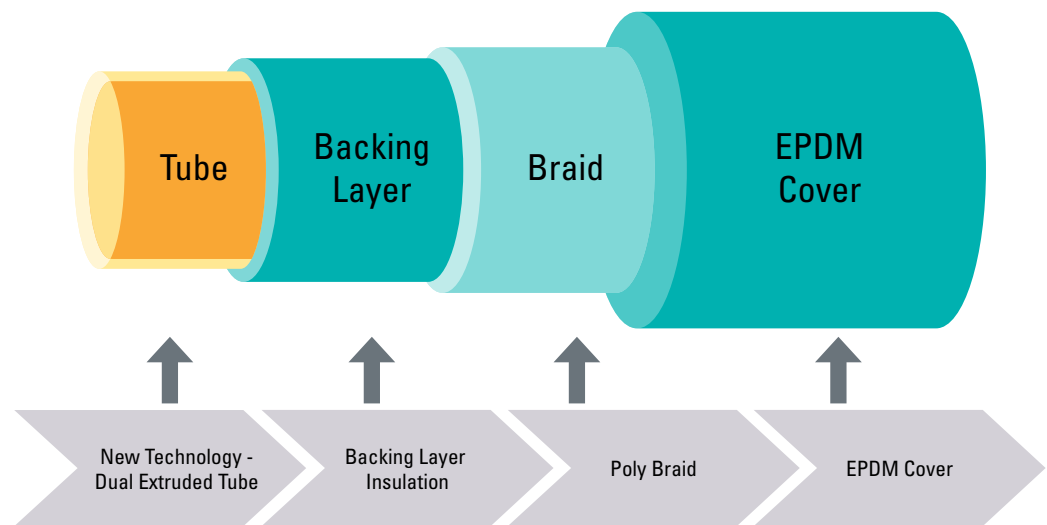
In virtually every industry, OEMs and vehicle manufacturers are searching for ways to reduce their environmental footprint without making sacrifices in productivity. While some mobile equipment manufacturers continue to build systems using existing R134a refrigerant, many will soon turn to the next generation of refrigerant gas, R1234yf, a

refrigerant developed to reduce GHG (green house gas) emissions and support sustainability. Now, vehicles using both R134a, R1234yf and other common mobile refrigerant types can achieve a whole new level of performance with the next generation of mobile refrigerant hose: Eaton GH001 EverCool™ A/C Hose.

Patent-pending design virtually eliminates permeation.

GH001 EverCool A/C Hose is an SAE J2064 Type E hose that features a patent-pending, two-layer construction. The core tube consists of a dual-extrusion veneer bonded to a second layer, minimizing effusion while maximizing oil and refrigerant compatibility. This results in a kink and wear-resistant hose that experiences nearly zero permeation or potential gas loss over time. In testing, GH001 outperforms all competitive products in the three areas that matter most to Eaton customers:

- Temperature range
- Permeation
- Kink resistance and flexibility



Extreme performance in the most extreme environments.

Whether it's keeping operators cool on a hot day or maintaining stable temperatures for the cargo they're transporting, reliable A/C and refrigerant hose is a must in every climate. GH001 EverCool A/C Hose features the widest operational temperature range of any hose in its class. While the max SAE-specified temperature is rated for 125°C, GH001 performs from -40°C up to +140°C. In addition, even in direct sunlight, its UV-resistant hose cover contributes to an incredibly long hose life.

Contact your Eaton sales representative and upgrade to GH001 Evercool A/C hose today.



Supporting the movement to sustainability.



Beyond its unique construction, GH001 EverCool A/C Hose is a premium choice for manufacturers because it fully supports the environmentally friendly R1234yf standard. While GH001 EverCool A/C Hose delivers longer life, greater temperature resistance and better

kink resistance than its predecessors, it's still fully compatible with Eaton's Crimp fitting system. That means replacing GH134 with the next generation of mobile A/C hose is not only sustainable, it's simple.

Upgrade to Eaton's most advanced mobile A/C hose ever.

Features/Application

- Truck, Bus, Ag and Construction Air Conditioning and Refrigeration Systems
- **Operating Temperature Range: -40°C to +140°C (-40°F to +284°F)**
- **Performance:** Significantly exceeds SAE J2064 Coupling Integrity, vibration and impulse tested
- **Qualified With:** R134a, R1234yf, R407C, R404A, R12
- **R1234yf Effusion:** <1kg/m²/yr at 80°C
- **R134a Effusion:** <1.5kg/m²/yr at 80°C
- **Oils:** POE, PAG, Mineral Oil, Alkylbenzene
- **Moisture Ingression** - Class II, <.074 g/cm²/yr









Features/Hose Construction

- New dual extrusion technology for a SAE J2064 Type E Veneer tube, offering excellent oil and refrigerant compatibility
- Blended EPDM Cover, polyester braid reinforcement
- The GH001 construct offers exceptional flexibility, temperature performance and value. It was tested well above SAE J2064 performance requirements

Benefits

- Extremely low permeation value
- Excellent heat resistance and offering a higher functional temperature range than traditional Type C or E hoses and is Ozone and UV resistant
- Easy to Install-significant reduction in potential hose damage. GH001 has maximum kink resistance, temperature resistance

GH001, Type E

#									
Part Number	Hose I.D.	Hose O.D.	Maximum Operating Pressure	QMIT Minimum Burst Pressure	Minimum Bend Radius	Weight Per Foot	Weight Per Meter	Vaccum Service	
	mm/inches	mm/inches	bar/psi	bar/psi	mm/inches	pounds	Kg	kPa	in
GH001-6	7,9/.31	14,7/.58	35/500	140/2000	50,0/2.00	0.09	,135	94,8	28
GH001-8	10,3/.41	17,8/.70	35/500	140/2000	63,0/2.50	0.12	,177	94,8	28
GH001-10	12,7/.50	19,8/.78	35/500	140/2000	76,2/3.00	0.15	,223	94,8	28
GH001-12	15,9/.63	24,9/.98	35/500	140/2000	101,6/4.00	0.18	,269	94,8	28

Eaton
Hydraulics Business USA
14615 Lone Oak Road
Eden Prairie, MN 55344
USA
Tel: 952-937-9800
Fax: 952-294-7722
www.eaton.com/hydraulics

PowerFlex-fhp B.V.
Flevolaan 62g
1382 JZ Weesp
the Netherlands
+31 (0)294-450 200
www.powerflex-fhp.nl
info@powerflex-fhp.nl