

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.

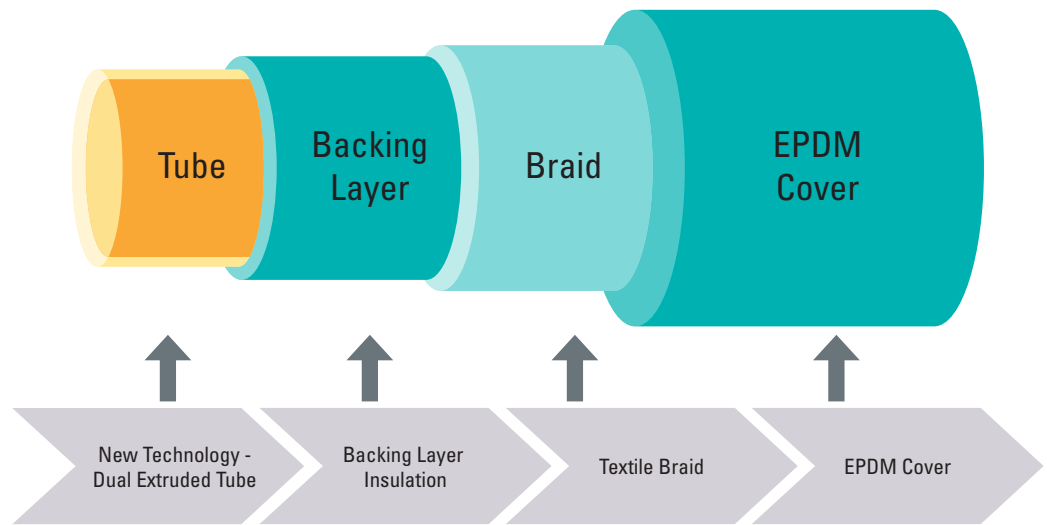
In virtually every industry, OEMs and vehicle manufacturers are searching for ways to reduce their environmental footprint without making sacrifices in productivity. While some mobile equipment manufacturers continue to build systems using existing R134a refrigerant, many will soon turn to the next generation 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 near - 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 helping to achieve total vehicle GHG reductions. While GH001 EverCool™ A/C Hose delivers longer life, greater temperature resistance and better kink

resistance than its predecessors, it is fully compatible with Eaton's Crimp fitting and Patented E-Z Clip™ fitting systems. This 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 and other refrigerants
- **R1234yf Effusion:** .3 kg/m²/yr at 80°C
- **R134a Effusion:** .5 kg/m²/yr at 80°C
- **Oils:** POE, PAG, Mineral Oil, Alkybenzene

Features/Hose Construction

- New dual extrusion technology for a SAE J2064 Type E Veneer tube, offering excellent oil and refrigerant compatibility
- EPDM cover, textile braid reinforcement
- The GH001 construct offers exceptional flexibility, temperature performance and value. It was tested well above SAE J2064 and J3062 performance requirements

Benefits

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

GH001, Type E



Part Number	Hose I.D. mm/inches	Hose O.D. mm/inches	Maximum Operating Pressure bar/psi	QMIT Minimum Burst Pressure bar/psi	Minimum Bend Radius mm/inches	Weight Per Foot pounds	Weight Per Meter Kg	Vacuum Service kPa in
GH001-4	5,1/20	11,7/46	35/500	140/2000	38,1/1.50	0.07	,11	94,8 28
GH001-6	7,9/31	14,7/58	35/500	140/2000	50,0/2.00	0.10	,15	94,8 28
GH001-8	10,3/41	17,8/70	35/500	140/2000	63,0/2.50	0.14	,21	94,8 28
GH001-10	12,7/50	19,8/78	35/500	140/2000	76,2/3.00	0.15	,22	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
GH001-16	22,6/89	31,1/1.22	35/500	140/2000	177,8/7.00	0.25	,38	94,8 28

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