

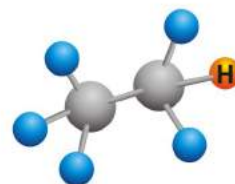
MH125[®] (HFC125)

Specification

Item	MH125 [®] (HFC125)	HFC125 (NFPA 2001)
Appearance	Colorless liquefied gas	Colorless liquefied gas
Assay by GC	99.8% (min)	99.0% (min)
Moisture	10 ppm (max)	10 ppm (max)
Acidity as HF	1 ppm (max)	3 ppm (max)
Non-volatile Residue	0.01g / 100ml (max)	0.05g / 100ml (max)

Description

- ✓ An environmentally substitute for Halon 1301 with zero ODP.
- ✓ Clean and do not leave residue.
- ✓ Electrically nonconductive and noncorrosive.
- ✓ UL Recognized.



Properties

Chemical Name	HFC125
Empirical Formula	CF ₃ -CHF ₂
CAS Number	354-33-6
Molecular Weight	120.02
Boiling Point	-48.5°C
Freezing Point	-103°C
Vapor Pressure (25 °C)	1310KPa
Liquid Density (25°C)	1.19Kg/L
Extinguish Concentration (Cup)	8.7%
NOAEL (V/V)	7.5%
LOAEL (V/V)	10%
LC50 (V/V)	70%
Ozone Depleting Potential	0

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Quality Control

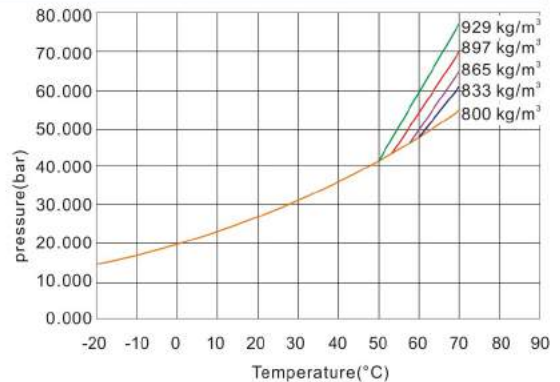
- ✓ Four times of UL follow-up service every year.
- ✓ All performance is strict to act as ISO9001:2008.
- ✓ Our quality control program is supported by advanced analytical facilities, which help to ensure that all raw materials, in-process materials and finished products are quality controlled at all stages.



ISO9001:2008
Certified

Gas Filling Curve

Isometric diagram of HFC125 pressurized with nitrogen to 25 bar, gauge at 22°C.



Packing

GB Cylinder / DOT Cylinder / ISO Tank.

Application

MH125[®] (HFC125) is an environmentally acceptable replacement for Halon 1301. It is used in total flooding applications for protecting particularly high value assets, where water, dry chemicals and others can cause collateral damage to assets. Examples of the applications include semiconductor manufacturing facilities, chemical storage rooms, petrochemical facilities and so on.

*FOR YOUR LIFE
TREASURE AND NATURE*