



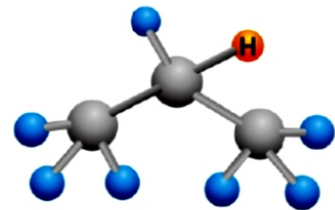
FOT- 200 (HFC227ea)

Specification

Item	FOT-200 (HFC227ea)	HFC227ea (NFPA 2001)
Appearance	Colorless liquefied gas	Colorless liquefied gas
Purity	99.9% (min)	99.0% (min)
Moisture	10 ppm (max)	10 ppm (max)
Acidity	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.
- ✓ Safe for people and animal.
- ✓ Clean and do not leave residue.
- ✓ Electrically nonconductive and noncorrosive.
- ✓ UL Recognized and FM Approved.



Properties

Chemical Name	HFC227ea
Empirical Formula	CF ₃ -CHF-CF ₃
Molecular Weight	170.03
Boiling Point	-16.36°C
Freezing Point	-131°C
Viscosity Liquid (25°C)	0.226Cp
Vapor Pressure (25°C)	457.7KPa
Extinguishing Concentration (Cup)	6.5%
NOAEL (V/V)	9%
LOAEL (V/V)	10.5%
LC50 (V/V)	>80%
Ozone Depleting Potential	0

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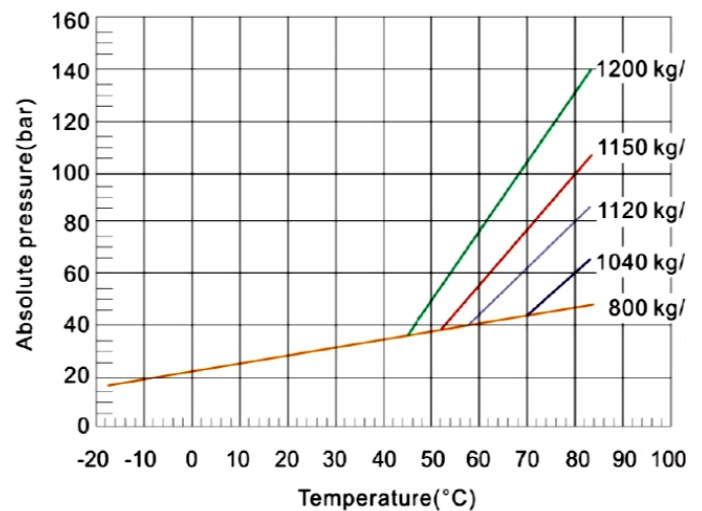
Quality Control

- ✓ 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.



Gas Filling Curve

Isometric diagram of HFC227ea pressurized with nitrogen to 25 bar, gauge at 21°C.



Packing

GB Cylinder / DOT Cylinder / ISO Tank.

Application

MH227[®] (HFC227ea) fire suppression agent is an optimal substitute for Halon 1301. It is particularly useful in computer rooms, libraries, semiconductor manufacturing FOT-200 (HFC227ea) ssing centers, industrial process control rooms, petrochemical facilities, chemical storage rooms and so on.

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