



# DuPont FE 36 CLEAN AGENT

KANEX FE 36 clean agent fire extinguishers have effective extinguishing action, environmentally acceptable and excellent alternative for Halon 1211. Clean Agent HFC-236fa is a non corrosive, electrically non conductive and free of residue. It is ideally suited for protecting high value equipment.



Class A



Class B



Class C



Electrical



## FEATURES

- FE 36(HFC-236fa) Based Extinguishing Agent capable of fighting class A, B, C & Electrical fire.
- BIS Approved ( IS 15683 ) & CE certified (Marked On Demand)
- High Performance Extinguishing agent environmentally safe with ZERO ODP
- FE 36 (HFC - 236fa) is an electrically Non Conductive & low in toxicity Protect data in process, reduces equipment damage, facilitate fast return to service.
- High Quality pure polyester powder coating
- Unique gauge testing system(UGTS)
- High Quality EPDM Rubber Braided Hose is far more flexible than the normal rubber used in hose pipe and also far less prone to cracks
- Maximum visibility during Discharge.
- Large loop Stainless steel Pull pin.
- No Electrical Conductivity Back to the operator
- No Thermal or Static Shock

## Ideal Use:

Computers, Telephone, Switch gears, Sensitive datastorage, Offices, Boats, Aircraft's, Laboratories etc.

## Fire Rating as per IS 15683:2006

MODEL	A	B	FACTORY TESTED A:B
KCA 2	--	8B	13B
KCA 4	1A	13B	1A:21B
KCA 6	1A	21B	1A:34B

## DuPont FE 36 Clean Agent Approvals



Underwriters Laboratories



### Properties of DuPont FE 36 Clean Agent

Chemical Formula : 1,1,1,3,3,3 Hexa Fluoro Propane

Molecular Weight	152
Boiling point	-1.4 °C
Freezing Point	-103 °C
Maximum Fill Density	1.20 gm/ml.
Specific gravity	1.34 gm/ml.
Scheduled Production Phase out per Montreal Protocol	None

### Comparisons between Clean Agents

Extinguishing Agent	HALON 1211	HALOTRON I	KANEX FE-36
Chemical Family	BCFC	HCFC	HFC 236 fa
Acute Toxicity: Cardiotox LOAEL (Lowest Observable Adverse Effects Level) A higher % is less toxic.	1%	2%	15%
Acute Toxicity: Cardiotox NOAEL (No Observable Adverse Effects Level) A higher % is less toxic.	0.50%	1%	10%
Extinguishing Concentration, Cup Burner, n-heptane	4-5%	6-7%	5.90%
Ozone Depletion Potential-ODP (CFC-11 = 1.0)	4	0.014	0
Global Warming Potential -GWP	N/A	Low	Moderate
Atmospheric Lifetime	Low	Low	Moderate

## PERFORMANCE DATA

MODEL	KCA 2	KCA 4	KCA 6
Capacity	2 kg	4 kg	6 kg
Design	Hose & Nozzle	Hose & Nozzle	Hose & Nozzle
Fire Rating	8B	1A : 13B	1A : 21B
Height (Approx.)	380 mm.	490 mm.	530 mm.
Diameter (Approx.)	106±10 mm.	140±10 mm.	150±10 mm.
Average Discharge time	12.5 Sec.	14 Sec.	22 Sec.
Average Range of throw	3 m	3.5 m.	4 m.
Average % Discharge	96%	97%	96%
Operating Temperature	'-20 °C to +55 °C	'-20 °C to +55 °C	'+5 °C to +55 °C
Service Pressure (Ps)	9 bar	9 bar	9 bar
Max. Service Pressure (Pms)	13 bar.	13 bar.	13 bar.
Test Pressure	35 bar.	35 bar.	35 bar.
Expelling Agent	Nitrogen (UHP Grade)	Nitrogen (UHP Grade)	Nitrogen (UHP Grade)
Full Weight (Approx.)	3.6 kg.	6.7 kg.	8.9 kg.
Empty Weight (Approx.)	1.6 kg.	2.7 kg.	2.9 kg.
Shipping Weight (Approx.)	3.8 kg.	7 kg.	9.2 kg.
Packing Standard	Inner-13.75"X4.75"X4.75" Outer (4 in 1)- 16.5"X10"X10"	2 in 1- 21"X6.75"X14.10"	2 in 1- 22.5"X6.75"X14.10"
Mounting Bracket	Vehicle/Wall bracket	Wall Barcket	Wall Barcket
Approvals	BIS & CE	BIS & CE	BIS & CE