



# DuPont FE 36 CLEAN AGENT (SS BODY)

KANEX FE 36 clean agent 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

- ✓ Smooth & Polished Stainless Steel body.
- ✓ FE 36(HFC-236fa) Based Extinguishing Agent capable of fighting class A, B, C & Electrical fire.
- ✓ BIS Approved ( IS 15683 ) & CE certified
- ✓ 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.
- ✓ Smooth finish & also available with high quality PP 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

### FE 36 Clean Agent Approvals :

- ✓ Du-Pont FE – 36 Fire Extinguishant is UL Approved
- ✓ Du-Pont FE – 36 is EPA SNAP Approved

## Ideal Use:

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

### Fire Rating as per IS 15683:2006

| MODEL | A  | B   |
|-------|----|-----|
| KCA 2 | 1A | 21B |
| KCA 4 | 1A | 21B |

### DuPont FE 36 Clean Agent Approvals



Underwriters Laboratories



US EPA SNAP

### 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                   |
|-----------------------------|--------------------------|-------------------------|
| Capacity                    | 2 kg                     | 4 kg                    |
| Design                      | Hose & Nozzle            | Hose & Nozzle           |
| Fire Rating                 | 1A:21B                   | 1A:21B                  |
| Height (Approx.)            | 440 mm.                  | 500 mm.                 |
| Diameter                    | 100 +/- 10 mm.           | 140 +/- 10 mm.          |
| Average Discharge time      | 12 Sec.                  | 14 Sec.                 |
| Average Range of throw      | 3 m                      | 4 m.                    |
| Average % Discharge         | 96%                      | 97%                     |
| Operating Temperature       | -30 °C to +55 °C         | -30 °C to +55 °C        |
| Service Pressure (Ps)       | 9 bar                    | 9 bar                   |
| Max. Service Pressure (Pms) | 13 bar.                  | 13 bar.                 |
| Test Pressure               | 35 bar.                  | 35 bar.                 |
| Expelling Agent             | Nitrogen (UHP Grade)     | Nitrogen (UHP Grade)    |
| Full Weight (Approx.)       | 3.4 kg.                  | 6.2 kg.                 |
| Empty Weight (Approx.)      | 1.4 kg.                  | 2.2 kg.                 |
| Shipping Weight (Approx.)   | 3.6 kg.                  | 6.4 kg.                 |
| Packing Standard            | 4 in 1-12.2"X12.2"X17.5" | 2 in 1-21"X6.75"X14.10" |