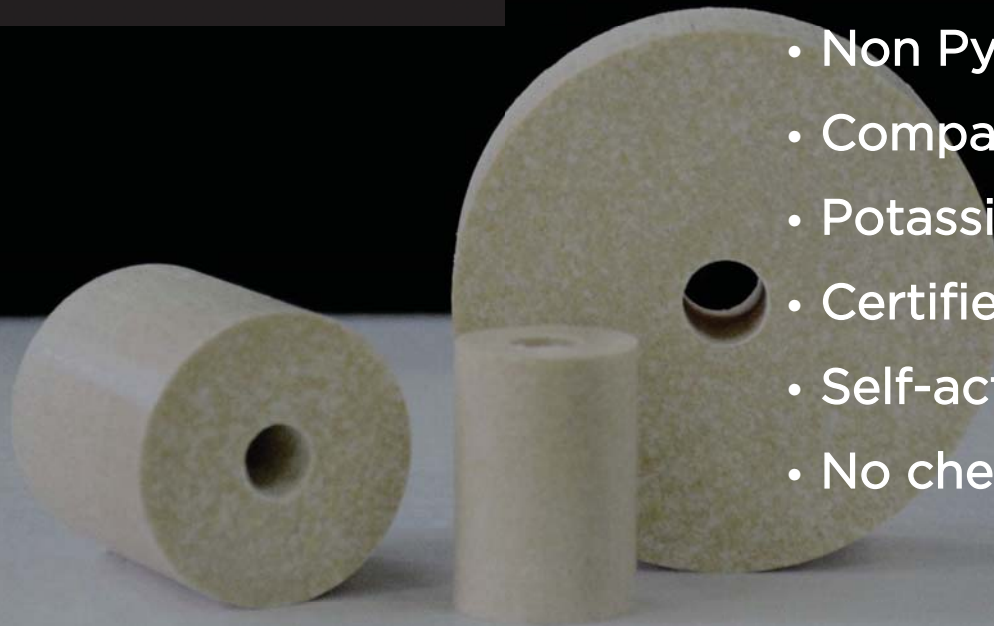


■ Patented Technology FPC Compound

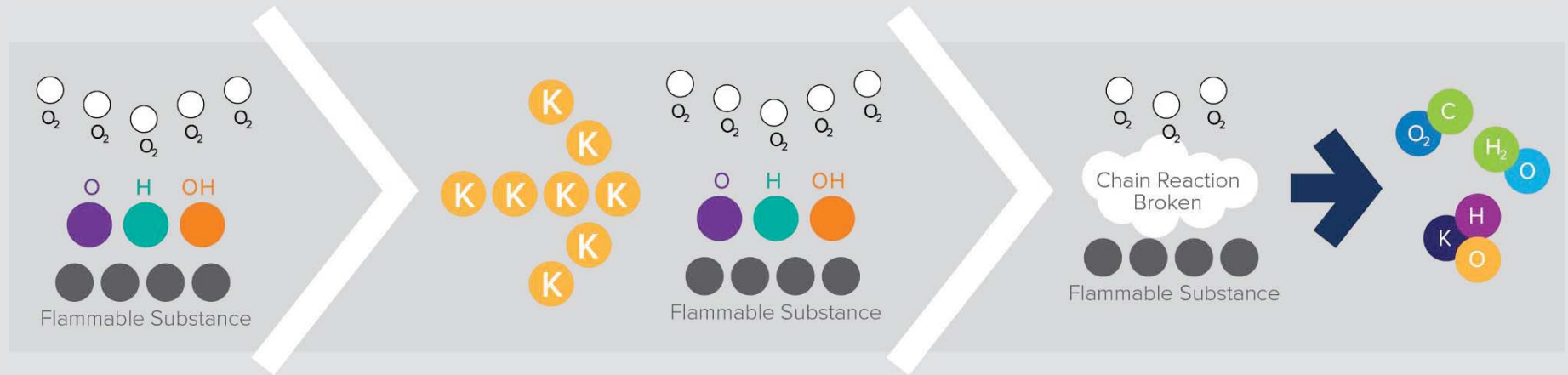


- Non Pyrotechnic (Patented)
- Compact - strong solid
- Potassium Salts - K_2CO_3
- Certified Life - 15 Years
- Self-activation Temperature at $300^{\circ} C$
- No chemical reaction with cooling material

Condensed Aerosol Generator



How does Aerosol work?



Formation of radicals (O^* , H^* , OH^*) during the chemical chain reactions of fire

Formation of Potassium free radicals

K^+ (radicals) react with fire free radicals (OH , O , H)

Formation of Potassium Hydroxide

KOH react with CO_2 to form Potassium Carbonate

FirePro. Aerosol Comparison against Other Suppression Media

Suppression Agent	Toxicity Level	ODP	GWP	ALT (Years)	Extinguishing Concentration		Mechanism of Fire Suppression
					%	g/m ⁻³	
FirePro.	Nil	0	0	0	-	76.4	Chemical
Halon 1301	Low	10	5600	65	5	330	Chemical
FM-200	Low	0	2900	36.5	7	530	Physical
NAFS-III	Low	0.036	1450	12	11.9	530	Physical
FE-13	Low	0	11700	264	17	470	Physical
FE-25	Low	0	2800	32.6	10.9	580	Physical
Argonite	Low	0	0	0	33.6	600	Physical
Argotec	Low	0	0	0	38	500	Physical
Inergen	Low	0	0	0	37.5	500	Physical
CO2	High	0	-	-	50	900	Physical
Water	Nil	0	0	0	-	-	Physical
Powder	Low	0	0	0	-	1400	Chemical / Physical

■ FirePro Efficiency

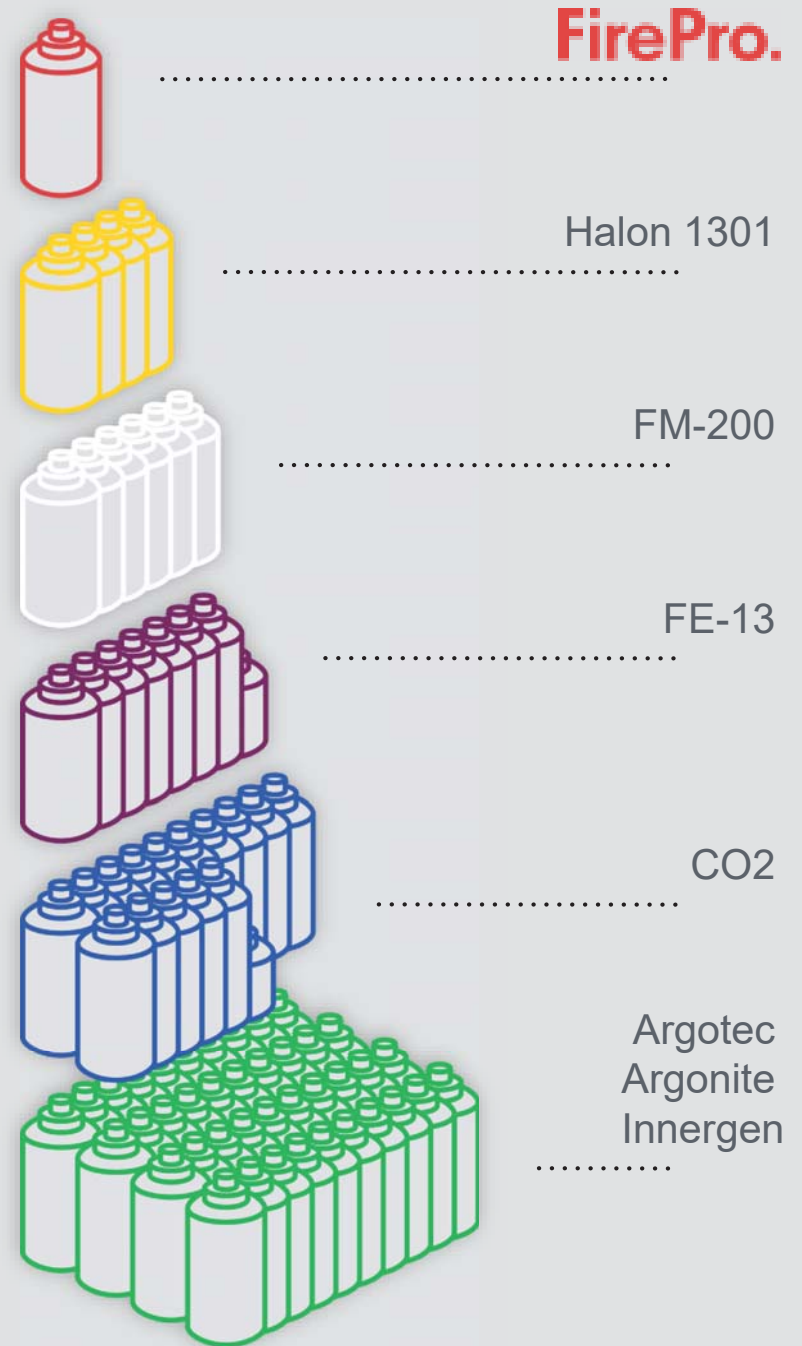
4x more efficient than Halon 1301

6x more efficient than FM-200

7.5x more efficient than FE-13

15.5x more efficient than CO2

40x more efficient than inert gases

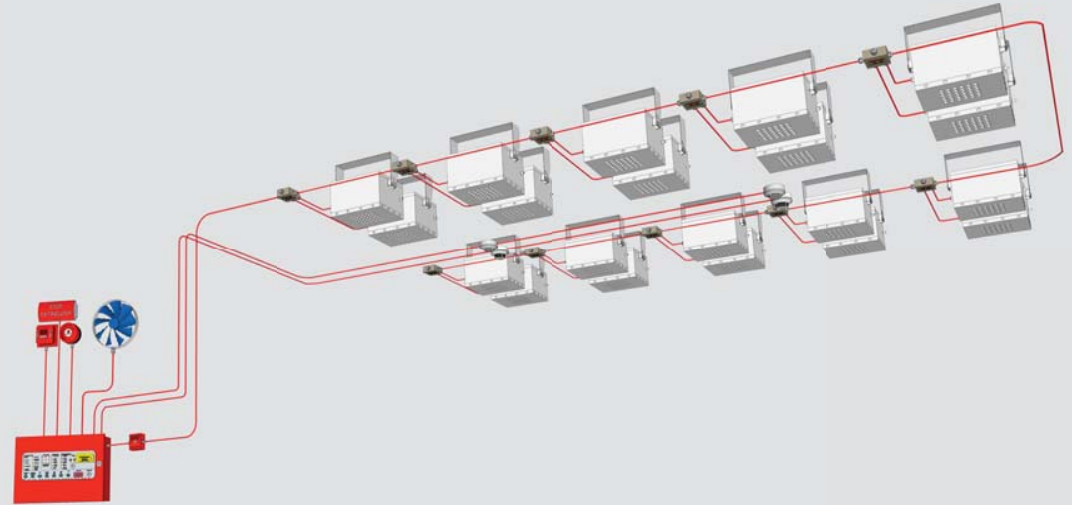




No Storage, No Pressure, No Pipes



Advantages



For the Designer

- Simple design.
- Modular
- Fail Safe System.
- Feasible to protect risks that previously were not possible.

For the Client

- No Agent Storage Space needed
- No pressure tests required
- 15 years lifetime
- Safe for Humans & Environment

For the Installer

- No pressure integrity tests
- Simple & Fast installation
- No Piping