

Class A:B:C Fire Extinguisher Contents

Class A:B:C Dry Chemical



ABC or multi-purpose extinguishers utilize a specially fluidized and siliconized mono ammonium phosphate dry chemical. It chemically insulates Class A fires by melting at approximately 350 degrees Fahrenheit and coats the surface to which it is applied. It smothers and breaks the chain reaction of Class B fires and will not conduct electricity back to the operator.

Class B:C Dry Chemical



Regular extinguishers contain a siliconized sodium bicarbonate-based dry chemical with free flowing and non-caking additives. This chemical smothers fires in flammable liquids and pressurized gases and will not conduct electricity back to the operator.

Class B:C CO2 Carbon Dioxide



Carbon Dioxide is discharged as a white cloud of “snow” which smothers a fire by eliminating its oxygen. It is effective for Class B flammable liquid fires and is electrically non-conductive. Carbon Dioxide is a clean, non-contaminating, odorless gas, safe for use on clothing, equipment, valuable documents, or food.

Class A:B:C Halotron I “Clean Agent”



Halotron I is a “Clean Agent” HydroChloroFluoro-Carbon discharged as a rapidly evaporating liquid, which leaves no residue. It effectively extinguishes Class A and B fires by cooling and smothering, and it will not conduct electricity back to the operator. Halotron is pressurized with Argon gas and is an EPA and FAA approved HCFC blend B agent approved for use on Class A, B, and C fires. It has a low GWP of 0.04-0.24, low ODP of 0.014 (twelve times lower than the EPA maximum allowable ODP of 0.20) and a low Atmospheric Lifetime (3-1/2 to 11 years).

Halotron is intended for use in areas formerly protected by Halon 1211 hand/portable extinguishers, such as computer rooms, clean rooms, telecommunications facilities, data storage areas, offices (for protection of sensitive electronic equipment), boats, and vehicles.

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