



Purple K, (PK) Dry Chemical Powder

Chemguard "PK", Potassium Bicarbonate Based dry chemical, is a premium powder suitable for use in high-risk areas such as: refineries, chemical plants and airfields where superior fire extinguishing capabilities are of paramount importance. It is suitable for use on either Class B or C type fires. Purple K is suitable for use as a recharge agent in most manufacturers fire extinguishers that utilize potassium bicarbonate based dry chemical powder. Airports have recognized the capability of "PK" and use it extensively in twin agent fire extinguishing systems. It is also used in large "PK" dry chemical fixed systems covering LNG pumping stations.

ORDERING INFORMATION

Part No:	Dry Chemical	Chemical	Color
PP1003	Purple K	50 lbs.	Purple

Custom formulations including variations in the potassium bicarbonate content of the "PK" dry chemical are available upon request.

EXTINGUISHING MECHANISM

When "PK" dry chemical powder is used on fires involving flammable liquids, it is generally accepted that when the powder is introduced directly into the fire area, it extinguishes the fire by interfering with the chemical chain reaction taking place in the combustion zone.

FOAM COMPATIBILITY

All Chemguard dry chemical powders are considered foam compatible when used in conjunction with foam solutions generated by Chemguard. Manufactured foam concentrates such as AFFF, AR-AFFF, High Expansion, Supertrain and Class "A" foams.

STORAGE

Chemguard dry chemical powders are formulated so that they are not affected by long-term storage. As a general guide all Chemguard powders are stable at low temperature down to -60°F(-54°C), with an upper storage limit of 120°F(49°C).

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