



## Fire Classifications and Extinguisher Recommendations

TYPES OF FIRES	HAZARDS	RECOMMENDED EXTINGUISHER	EFFECTIVE EXTINGUISHER ACTION
<b>CLASS A</b> 	ORDINARY COMBUSTIBLES  WOOD, RUBBER, PAPER, MANY PLASTICS, FABRICS	WATER  AFFF & FFFP FOAM ABC Dry Chemical	Quench, cool, penetrate  Quench, cool, penetrate Chemical reaction, coat, cool
<b>CLASS B</b> 	FLAMMABLE LIQUIDS AND GASES  GASOLINE, OILS, GREASE, PAINT, LACQUER, TAR  NATURAL & MANUFACTURED GASES	LIQUIDS: AFFF & FFFP FOAM REGULAR Dry Chemical ABC Dry Chemical PURPLE K Dry Chemical CARBON DIOXIDE GASES: REGULAR & PURPLE K Dry Chemical	Smother, cool, sealing film Chemical reaction, smother Chemical reaction, coat, cool Chemical reaction, smother Smother, cool  Smothering action preferred
<b>CLASS C</b> 	ENERGIZED ELECTRICAL EQUIP.  WIRING, PANELS, GENERATORS, SWITCHES, MOTORS, APPLIANCES	REGULAR Dry Chemical ABC Dry Chemical PURPLE K Dry Chemical CARBON DIOXIDE	All are non-conductors of electricity. Electricity does not burn but does ignite Class A & B materials. These types will extinguish the burning materials.
<b>CLASS AB</b> 	ORDINARY COMBUSTIBLES, FLAMMABLE LIQUIDS  (Combinations of Classes A & B)	AFFF & FFFP FOAM  ABC Dry Chemical	Quench, cool, penetrate Smother, cool, sealing film  Chemical reaction, coat, cool
<b>CLASS BC</b> 	FLAMMABLE LIQUIDS & GASES ENERGIZED ELECTRICAL EQUIP.  (Combinations of Classes B & C)	REGULAR Dry Chemical ABC Dry Chemical PURPLE K Dry Chemical CARBON DIOXIDE	Chemical reaction, smother Chemical reaction, smother Chemical reaction, smother Smother, cool (All are non-conductors of electricity)
<b>CLASS ABC</b> 	ORDINARY COMBUSTIBLES FLAMMABLE LIQUIDS & GASES ENERGIZED ELECTRICAL EQUIP.  (Combinations of Classes A, B & C)	ABC Dry Chemical	Class A - Chemical reaction, Coat, cool Class B - Chemical Reaction, Smother Class C - Non-conductor of elec.
<b>CLASS D</b> 	COMBUSTIBLE METALS & COMBUSTIBLE METAL ALLOYS	SUPER D (Sodium Chloride) COPPER G-PLUS (Graphite)	Excludes air, dissipates heat Excludes air, dissipates heat Smothers, absorbs heat
<b>CLASS K</b> 	COMBUSTIBLE COOKING MEDIA  VEGETABLE OR ANIMAL OILS AND FATS	WET CHEMICAL "Kitchen Use"	Quench, cool, penetrate Smother

Note: Current issues of NFPA-10 should be consulted for minimum recommended fire extinguisher types, placement, and travel distances.

## Fire Extinguisher Labels

**1**  
HOLD UPRIGHT  
PULL RING (SAFETY) PIN

**2**  
START BACK 8-10 FEET  
AIM AT BASE OF FIRE

**3**  
SQUEEZE LEVER  
SWEEP SIDE TO SIDE

**Class**

• All fire extinguishers are furnished with operator instructions and fire class labels.

Operator Instructions

Class