

Suitability of fire extinguishers:



- Powder
- Foam
- Water



Fires involving solid materials, mainly of an organic nature, which normally form flames and embers on burning

Powder extinguisher with ABC powder

Water and foam extinguisher



- Powder
- Foam
- CO²



Fires involving liquids or melting materials

Powder extinguisher with BC and ABC powder

Foam extinguisher

CO² extinguisher



- Powder



Fires involving gases (e.g. propane, butane etc.)

Powder extinguisher with BC and ABC powder



- Powder



Fires involving metals (e.g. magnesium, aluminum swarf)

Powder extinguisher with D powder



- Foam



Fires involving fat and oil, extinguisher marked orange

DIN EN 3 provides for the following sizes: 1 kg, 2 kg, 3 kg, 4 kg, 6 kg, 9 kg, 12 kg

- The fire classes of fire extinguishers **have nothing** in common with the classification of building products to DIN 4102 and DIN EN 13501.
- The fire classes define **the suitability** of fire extinguishers for fires involving various materials, liquids or vapours that have caught fire.

Explanation of official designation of fire extinguishers:

DIN EN 3	Current European standard
6	Weight/charge in kg
PG	Code letter: In this case ABC powder

Table:

Designation	Extinguishing agent	Code letter
Water extinguisher	Water and aqueous solutions	W
Foam extinguisher	Foam	S
Powder extinguisher	ABC powder	PG
	BC powder	P
	D powder	PM
Carbon dioxide extinguisher	Carbon dioxide (CO ²)	K

Example of specified labeling to DIN EN 3:

FEUERLÖSCHER

12 Kg ABC-Pulver

43 A 183 B C

1 Ventil voll aufdrehen

2 Löschpistole betätigen

A

B

C

VORSICHT BEI ELEKTRISCHEN ANLAGEN.
NUR BIS 1000 V; MINDESTABSTAND 1m

Nach jeder Betätigung neu füllen!
Löcher längstens alle 2 Jahre auf Einsatzbereitschaft überprüfen. Nur solche Lösch-Treibmittel und Ersatzteile verwenden, die mit dem anerkannten Muster übereinstimmen.

Löschmittel: 12 kg ABC

Treibmittel: 280 g CO₂

Nr. der Anerkennung:

Typ:

DIN EN 3

G 12 R

Funktionsbereich: -20 °C bis +60 °C

HERSTELLER: