

Talk No: 44

Title: Foam Fire Extinguishers

Introduction: According to the standard BS EN 3, fire extinguishers in the United Kingdom are red RAL 3000, and a band or circle of a second colour covering between 5–10% of the surface area of the extinguisher indicates the contents

Main points:

- Foam fire extinguishers are ideal for both A & B class fires.
- Extinguishers commonly contain the agent AFFF (Aqueous Film Forming Foam)
- Especially suitable for fires involving materials such as fats, petrol, oils, paints, etc.
- Foam Fire Extinguishers - Colour Cream

Discussion points:

- By pulling out the safety pin and depressing the lever at the top of the cylinder, the material is released under high pressure.
- Foam extinguishers interfere with the chemical reaction of the fire, by coating the fuel with a layer of foam, separating it from the oxygen.
- A blanket is formed on the surface of a burning liquid. AFFF also penetrates and seals the fire, which protects against re-ignition.



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Notes: