

Provision of Portable Fire-Fighting Equipment at Tesco Stores

General

Portable fire extinguishers are provided as a means of first aid fire fighting equipment but should not be considered for use on a large fire or as an aid to escape. Their portability and immediate availability allows for prompt intervention by an individual at the start of a fire.

Therefore the **suitability** and **location** will dictate the types and quantity of fire fighting equipment that is required

Suitability

Imprex Foam Extinguisher

The general purpose extinguisher deployed at Tesco stores is a 6 Litre foam (Imprex) extinguisher. It can be used on solid carbonaceous fires (Class A) involving fuels such as timber, paper, plastic etc or on flammable liquid fires, such as petrol or cooking oil (Class B).

A simple formula is used to calculate the minimum number of general purpose (class A) and (class B) extinguishes that should be provided:

$$\frac{\text{The gross floor area (metres)}}{27^*} \times 0.065 = \text{Number Class A extinguishers required (rounded up)}$$

(27 being the 'A' rating of the extinguisher)

$$\frac{\text{Largest volume of spill of flammable liquid (litres)}}{\text{required}} \times 10 = \text{Number of Class B extinguishers required}$$

183*

(183 being the 'B' rating of the extinguisher)

Carbon Dioxide Extinguisher

These are provided by Tesco stores on fires involving live electric equipment. There is no guidance on the numbers required, however, due to widespread use of electrical equipment in Tesco stores, they are readily available in most areas

Additionally fire blankets are available in cooking areas.

Location

A person should not travel more than 30 metres to reach a suitable fire extinguisher from any point within the store. Additional extinguishers (above those needed to achieve an 'A' rating) may need to be provided to meet this requirement, but this is unlikely due to the layout of most Tesco stores.

Where possible, extinguishers are located adjacent to fire alarm call points (which in turn are adjacent to fire exits) forming a fire point, where the alarm can be raised and a decision made whether to attempt to tackle the fire or flee through the exit.

Allocation of Safety Signs and Notices

AREA	SIGN / NOTICE
Bakery and Bake-off Area	FIRE INSTRUCTIONS notice adjacent to break glass call point (b.g.c.p.)
Boiler Rooms & Boiler Containers	KEEP LOCKED SHUT
Clock Towers	FIRE INSTRUCTIONS notice adjacent to b.g.c.p
Coffee Shop	FIRE INSTRUCTIONS notice adjacent to b.g.c.p
Corridors	FIRE INSTRUCTIONS notice adjacent to b.g.c.p KEEP CLEAR FIRE DOOR-KEEP CLEAR on both sides of all doors other than held-open
Customer Service Centre	FIRE INSTRUCTIONS notice adjacent telephone
Electrical Intake	KEEP LOCKED SHUT notice on external side of door
Electrically Held Open Fire Doors Linked into Fire Alarm System Exterior	AUTOMATIC DOOR KEEP CLEAR on opening face of doors EMERGENCY EXIT – PUCH HARD TO OPEN on rear of each gate FIRE EXIT sign on outside of all fire doors
Female Cloaks	NO SMOKING
Generator Room/ Container	KEEP LOCKED SHUT on external side of door
Kids Club	FIRE INSTRUCTIONS notice adjacent to b.g.c.p FIRE EXIT – KEEP CLEAR notice on external side of door
Lift Monitor Room	KEEP LOCKED SHUT
Male Cloaks	NO SMOKING
Manager's Office	FIRE INSTRUCTIONS notice adjacent telephone
Plant Room/ Containers	KEEP LOCKED SHUT on external side of door
Restaurant (kitchen)	FIRE INSTRUCTIONS notice adjacent to b.g.c.p
Restaurant (Staff)	FIRE INSTRUCTIONS notice adjacent to b.g.c.p
Sales Area	FIRE EXIT sign above every fire exit TO FIRE EXIT sign above doors to protected corridors PUSH BAR TO OPEN above each set of push bars
Staff Reception	FIRE INSTRUCTIONS notice adjacent to b.g.c.p FIRE INSTRUCTIONS notice adjacent telephone
Sprinkler Valve/ Pump Room on External Side if Door	SPRINKLER STOP VALVE INSIDE EXTERNAL VENTILATION CONTROL SWITCH INSIDE (if appropriate)
Warehouse/ Bilk Store	FIRE INSTRUCTIONS notice adjacent to b.g.c.p Load level notices on lines on walls FIRE EXIT sign above every fire exit
Petrol/ Express Petrol Filling Stations	
Ancillary Area	FIRE INSTRUCTIONS notice adjacent to b.g.c.p KEEP LOCKED SHUT on electrical intake FIRE EXIT above rear means of escape door PUSH BAR TO OPEN
Forecourt at tank fill points* at pumps#	Individual tank fill notices with grades PETROLIUM SPIRIT – HIGHLY FLAMABLE- NO SMOKING */# NO MOBLIE PHONES *