



PRODUCT SPECIFICATION SHEET

Fusible Head Fire Valves

TOP SPEC:

Fittings
Included

PAGE

1/1

Product Description

Fusible Head Fire Valves are a safety device used in fuel systems, particularly those involving oil or other flammable liquids. It's primary purpose is to automatically shut off the flow of fuel in the event of a fire.

Here's how it works and what it entails...

Key Components & Functionality

1. Fusible Link

The key component of a fusible head fire valve is the fusible link or element.

This is a piece of metal designed to melt at a specific temperature, usually around 165°F (74°C) to 212°F (100°C), depending on the design and application.

2. Valve Mechanism

The valve is held open by the fusible link. When the ambient temperature around the valve exceeds the melting point of the fusible link (typically due to a fire), the link melts and the valve automatically closes, cutting off the fuel supply.



Applications

Oil Heating Systems

Commonly used in oil-fired boilers and heaters to prevent fuel from feeding a fire in case of a malfunction or external fire.

Industrial Fuel Systems

Used in various industrial settings where flammable liquids are stored or used.

Fuel Storage Tanks

Installed in the fuel lines of storage tanks to prevent the spread of fire.

Benefits

Safety

Provides an automatic and fail-safe mechanism to stop fuel flow in the event of a fire, reducing the risk of fire spreading.

Reliability

Simple mechanical design ensures reliability and minimal maintenance requirements.

Compliance

Often required by building codes and insurance regulations for facilities using flammable liquids.

Main Features

- Connection size - 3/8" BSP - 10mm Compression
- Material - Brass
- Activation temperature - 72°C

Additional Information

Fusible Head Fire Valves

Compression Fittings 3/8" to 10mm adaptors (included)

Part Number

FV2010

MF1006-CM-B

NEED MORE INFORMATION?

○ 01373 822220

○ sales@atkinsonequipment.com

○ www.atkinsonequipment.com