

FireBag®

Thermal-activated Shut-off Device for Natural Gas & Propane Metering Applications



*Used for Natural Gas
 and Propane Gas in
 metering applications,
 as well as residential and
 commercial applications*



The FireBag® automatically shuts off the gas supply in the event of a fire, preventing gas from fueling flames and greatly reducing risks for occupants and first responders.

When the FireBag sensor reaches its activation temperature of 203°F–212°F, a metal alloy melts, releasing a closure plug that forms a permanent gas-tight seal. The device meets international DIN 3586 Thermal Shutoff Standards, and remains sealed throughout the fire and after cooling, eliminating downstream gas flow.

The FireBag requires no electronics, batteries, or routine maintenance during its service life. Once activated, it must be replaced to safely restore gas service.

CERTIFICATIONS

- Meets and exceeds DIN 3586 thermo activated safety device for gas applications
- European UNI EN 1775 Standard for indoor gas installations
- EU/2016/426 certification for durability in mechanical or thermal stress
- German DVGW TRGI 2018 (G 600) Standard for thermos activated locking systems on gas heaters, water heaters & domestic gas fittings
- Muster-Verwaltungsvorschrift Technische Baubestimmungen (MVV TB) for thermos activated devices
- UNI 7129:2015 Standard for fire protection and gas supply line components
- Independent testing by GTI certifies the FireBag meets or exceeds requirements per Massachusetts D.P.U. MGL Section 75A of Chapter 164, Ruling #14899 (March 1974) Section 8 (c) and (d).

MAXIMUM OPERATING PRESSURE

150 PSIG
 250 PSIG**

AMBIENT WORKING TEMPERATURE

-40°F to +176°F (-40°C to 80°C)

MATERIALS OF CONSTRUCTION

Housing and Finishing:
 Zinc-plated steel

TRACKING & TRACEABILITY

The FireBag fittings include an affixed data-matrix label, as well as a bar code on the packaging, containing natural gas industry Tracking and Traceability information in accordance to ASTM F2897.23a.

SPECIFICATIONS

Actuation Temperature:
 203°F to 212°F (95°C to 100°C)

High Temperature Resistance (Fire Resistance)*
 1,500°F (816°C) for
 90 minutes at 150 PSIG

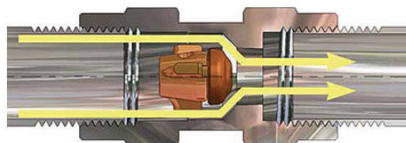
* The FireBag meets and exceeds the DIN3586 High Temperature requirements: 1,200°F (650°C) for 30 minutes at 72.5 PSIG

** 250 psig rated FireBag available upon request

CROSS SECTIONS

The FireBag is triggered when the FireBag sensor temperature reaches 212°F, blocking the flow of gas for a minimum of 90 minutes when the temperature of 1,500°F (816°C) per DIN 3586.

Inactive, temperature below 203°F



Active, temperature above 212°F

