

ADVANCED TECHNOLOGY EMERGENCY VALVES

NEW 2" Emergency Valve

The highest level of protection and peace-of-mind in the industry against low-impact breaks, dislodged dispensers and dispenser sump fires.



10+
Plus

OPW 
RETAIL FUELING
a **DOVER** company

opwglobal.com

DEFINING | WHAT'S NEXT



THE "PROTECTION STANDARD" IN EMERGENCY SHUT-OFF VALVES



1.5" 10 Plus

2" 10 Plus (B100)

1.5" 10 Plus (E85)

2" 10 Plus

Now You Can Protect Your Customers, Investments and the Environment against the Perils of Undetected, Low-Impact Breaks

Why Specify Anything Else?

OPW raised the protection-standard in emergency valves when it introduced the first double poppet valve back in 1989. This industry-changing OPW innovation helped to significantly reduce the risk of fire, explosion, personal injury, property damage and environmental contamination at sites around the world. Major oil companies and jobbers agreed that providing added protection for their customers, investments and the environment were the three most convincing reasons for switching to the innovative new valves.

Those same reasons are still prevalent today and serve as the inspiration behind the design of the OPW 10 Plus Emergency Shut-Off Valve - leading-edge innovation for today's safety conscious marketers and the new standard of protection in emergency shut-off valves.

By eliminating the risks of low-impact breaks, the 10 Plus offers a logical, simple and affordable way of providing an added level of security and peace-of-mind protection of customers, investments, and the environment.



Unprecedented Protection Against Low-Impact Breaks

The OPW 10 Plus is the Only Emergency Shut-Off Valve in the Industry Designed to Contain a Shear Groove Leak and Close the Flow of Fuel In the Event of an Undetected Low-Impact Break

- Provides peace-of-mind comfort that an unnecessary leak risk at your site has been eliminated
- Eliminates health, environmental contamination and fire hazards that could result from fractured valves leaking into sumps
- Prevents undetected product loss
- Prevents hazardous and costly clean-up

The OPW 10 Plus is unlike any other emergency valve, featuring all the time-tested, reliable features of the 10 series plus:

Patented Smartguard™ Design

- Designed to contain a leak at the shear groove and activate the valve shut off mechanism in the event of an unsuspected low-impact fracture in the valve
- Designed to prevent fuel from leaking into sumps to significantly reduce the risk of environmental contamination and sump fires
- Designed to eliminate hazardous and costly clean-up due to fractured valves leaking at the shear groove

Rest Assured, The OPW 10 Plus Has Got You Covered Like No Other Emergency Shut-Off Valve in the World.

The OPW 10 Plus Emergency Valve with patented SmartGuard™ design provides a simple, reliable and affordable way to help eliminate potential health, environmental contamination and investment risk factors from your site. It is so logical, why specify anything else?

Tests prove that emergency shut-off valves involved in low-impact accidents can experience fractures in the shear groove area, even when the impact is insufficient enough to cause the valve to close.

HERE'S HOW THE OPW 10 PLUS EMERGENCY SHUT-OFF VALVE WORKS

1. A shear groove leak is completely contained by the patented SmartGuard™ assembly
2. As the leak persists undetected, the SmartGuard™ continues to contain the fuel and expands until eventually it pushes against the valve's linkage arm
3. The expanding SmartGuard™ presses against the linkage arm causing it to disengage with the valve body. This action instantly activates the valve poppet to close, stopping the flow of fuel



Because the valve does not close, these incidents can go completely undetected. As fuel continues to flow through the valve, it will leak through the shear groove fractures, often at alarming rates to create a potentially dangerous health, environment and fire hazard. The OPW 10 Plus Emergency Shut-Off Valve with patented SmartGuard™ design is the only valve in the world designed to protect you against this unnecessary risk.



Time-Tested, Field-Proven Shut-Off Reliability

The OPW 10 Plus is Built Upon the Design Platform of the World's Most Specified Emergency Shut-Off Valve, the OPW 10 Series.

- Unique Linkage Arm is designed to close the poppet in the event of impact, ground shift, earthquake or when activated by the SmartGuard™ as a result of a leak caused by an undetected shear groove fracture
- Double poppet design helps to provide for a safer environment in the event of a shear and fire



The Industry's Best Deterrant Against Sump Fires

- The OPW 10 Plus is designed to contain fuel leaking from fractured shear grooves to significantly reduce the risk of sump fires
- In the event of a sump fire, the 10 Plus fusible link will release and automatically close the valve to reduce the fire hazard

DEFINING WHAT'S NEXT

Ordering Specifications

Model #	Body Size		Body Weight		Connection Threads	Poppet Configuration	Application	Mounting System
	in.	cm	lb.	kg				
10P-0150	1½	4	6.7	3.05	NPT	Single	Pressure	Combination
10P-0152	1½	4	6.8	3.10	NPT	Double	Pressure	Combination
10P-0152E85 *E85	1½	4	6.8	3.10	NPT	Double	Pressure	Combination
10P-0202	2	5	11.2	5.12	NPT	Double	Pressure	Plate Mounted
10P-0202RF *B100	2	5	11.2	5.12	NPT	Double	Pressure	Plate Mounted



OPW's extensive catalog of underground storage tank, fuel-transfer and containment and tank-gauge equipment allows fueling stations to confidently outfit an entire site using one source. The industry's best components, designed to work in unison and deliver the highest standard of quality, reliability and performance. Ensure the best fueling site, backed by the best name in the business. **OPW.**

Contact your OPW District Manager today to learn more or visit opwglobal.com.