

# Fuel Tank Safety Fuel Caps



## For Safe Fueling of Heavy-Duty Vehicles

At Protectoseal, we understand the challenges faced by OEMs in designing equipment for severe duty industrial mobility.

We know operators want equipment that is simple, smart, and above all, safe on any job site. That's why we created the Protectoseal Fuel Tank Safety Fuel Cap, the ultimate solution for safe fueling of heavy-duty vehicles.



Available in red  
for gasoline storage  
or green for  
diesel storage

### Designed for Diverse Applications

Protectoseal Fuel Tank Safety Caps are proven in the field for a variety of vehicles including refuse trucks, industrial forklifts, aviation ground support tractors, mining trucks, locomotives, military units, fire apparatus, and engine-driven arc welders. Our configurations are designed to meet the unique needs of each application, ensuring optimal performance.

### Meeting the Challenges of Green Biofuels

The rise of green biofuels has brought new challenges like different flash points and water affinity. Protectoseal Fuel Tank Safety Caps are designed to address these challenges and offer a dependable and safe fueling solution.

Our patented features satisfy strict US EPA fugitive emission requirements, making us a trusted choice for OEMs in their work to comply with air quality regulations.

### Compliance with Rollover Fuel Leakage Regulations

Protectoseal is a top provider of Fuel Tank Safety Caps configurations for CE OEM earthmoving equipment in the EU, where ISO20474 rollover fuel leakage compliance is mandatory starting from model year 2025.

### Protectoseal Expertise

Protectoseal offers industry leading technical leadership with its renowned flame and explosion protection for the most challenging industrial applications. With over 100 years in the business, we have an established sales and service team to support clients with their initial specifications and throughout the product's life cycle.

## Additional Features and Benefits

- **Perforated Metal Flash Arrester:** Our caps are available with a flash arrester, allowing liquid to flow into the tank while preventing ignition sources and particulate matter from entering. The screen also prevents siphoning and fuel theft.
- **Padlock Opening:** Fuel Tank Safety Caps are lockable with a padlock feature, protecting against theft or unauthorized access without affecting the automatic pressure relief capability of the cap.
- **Durable Finish with Color Coding:** For easy identification, our Safety Fuel Caps have a color-coded finish. Red denotes gasoline and green denotes diesel, preventing mix-ups.
- **Wide-Opening Hinge Mechanism:** The wide-opening hinge mechanism minimizes interference during filling operations, accommodating high flow industrial fill rates and improving customer productivity.
- **Various Sizes and Thread Configurations:** We offer a variety of sizes and thread configurations, ensuring compatibility with different equipment and fueling systems. Sizes range from 1 1/2" to 4" in NPS and NPT connections, with options such as quarter-turn, easy-on flange.

### Female Fittings

Thread	Cap Material	Flash Arrester	Red Part No.	Green Part No.
1 1/2" NPS	Aluminum	7" / Tapered	1272EPA/7T	1272EPAG/7T
2" NPS	Aluminum	6 3/4" / Tapered	1273EPA/6.3/4T	1273EPAG/6.3/4T
2 1/2" NPT	Brass	8" / Straight	1274EPA/8	1274EPAG/8
3" NPT	Brass	12" / Straight	1275EPA/12T	1275EPA/12T
4" NPT	Brass	10" / Straight	1277EPA/10	1277EPA/10

### Male Fittings

Thread	Cap Material	Screen	Red Part No.	Green Part No.	UL Listed
3" NPS	Brass	12" / Straight	1285EPA/12	1285EPAG/12	Yes

## Notes

- -39 suffix indicates cap only, no screen. For example, 1273EPAG-39
- Other flash arrester screen sizes available
- 25+ quantity discount
- Prices subject to change without notice.
- Underwriters Laboratories GRLZ.AU625 - Fill and Vent Fittings

All specifications are correct at time of print, are for guidance purposes only and subject to change without prior notice.

## Business contact details:



**The Protectoseal Company**  
(Headquarters)

✉ info@protectoseal.com  
☎ 1.630.595.0800  
🌐 www.protectoseal.com



**Elmac Technologies Ltd.**  
T/A Protectoseal

✉ enquiries@protectoseal.uk  
☎ +44 1352 717 560  
🌐 www.protectoseal.com



**Elmac Envisafe Technologies**  
Pvt. Ltd. T/A Protectoseal

✉ sales.eet@protectoseal.in  
☎ +91 22 4100 6998  
🌐 www.protectoseal.com

