

FIREFIGHTER HELMET SERIES

Carbon Fiber Fire Helmet



The Poseidon Carbon Fiber Fire Helmet is a lightweight, full-brim V-profile helmet designed for industrial fire brigades and exterior emergency operations.

Its carbon-fiber-reinforced shell offers strong impact protection with noticeably less weight, while a six-point suspension and moisture-managed interior provide a comfortable, secure fit through long, high-heat shifts. Classified as ANSI Z89.1-2014 Type I Class C, the helmet is intended for industrial and exterior roles—not for NFPA 1971 interior structural firefighting or electrical environments. Custom shell colors, branding, and OEM programs are available to support departmental or distributor requirements.

Category	Specification (Safe for External Use)
Product Type	Full-brim carbon-fiber fire helmet (industrial use)
Shell Material	Carbon-fiber-reinforced composite shell
Shell Profile	Full-brim V-profile for debris and liquid deflection
Suspension System	Six-point impact-distribution suspension
Interior Comfort System	Moisture-wicking liner with padded crown support
Fit Adjustment	Rear ratchet dial, operable with gloves
Size Range	52–64 cm head circumference
Helmet Weight	Approx. 475–565 g (1.05–1.25 lb) depending on configuration
Heat Performance	Rated for high-heat industrial environments up to 350°F (177°C)
Intended Use	Industrial fire brigades, high-heat maintenance, exterior emergency support
Not Intended For	Interior structural firefighting (NFPA 1971) or live electrical environments
Certifications	ANSI Z89.1-2014 Type I Class C; EN 397
OEM Options	Custom shell colors, logo branding, brim-grip colors, labels, packaging
Packaging (Single Unit)	12 × 10 × 4 in (30.5 × 25.4 × 10.2 cm)
Master Carton	24 × 24 × 20 in; approx. 38 lb
Pallet Load	Standard 48 × 48 × 72 in configuration