

**FIREFIGHTER GEAR SERIES**


## Black Turnout Gear

The Poseidon Black Turnout Gear uses a four-layer Nomex® IIIA composite system meeting NFPA 1971:2018 for structural firefighting. Its Nomex/Kevlar outer shell resists flames, abrasion, and static, while a PTFE-coated aramid moisture barrier provides waterproof and chemical protection with good breathability.

A Nomex/Kevlar thermal liner and soft Lenzing FR comfort layer deliver heat insulation and long-wear comfort. Reinforced high-wear zones, 3M reflective trim, and an integrated DRD enhance safety, and multiple fit and component options allow full customization for department needs.

Parameter	Metric / Imperial
<b>Garment Type</b>	Structural firefighting coat & pants
<b>Thermal Protective Performance</b>	≥ 34 cal/cm <sup>2</sup>
<b>Resistance</b>	Pass (NFPA 1971 test methods)
<b>Water Resistance</b>	Waterproof / Moisture barrier compliant
<b>Breathability</b>	High-breathability composite
<b>Shell Fabric</b>	Aramid-based FR woven fabric
<b>Thermal Barrier</b>	FR insulated barrier
<b>Comfort Liner</b>	Moisture-wicking FR lining
<b>Reflective Trim</b>	FR reflective trim (50 mm / 2 in)
<b>Reinforcements</b>	Elbows, knees, cuffs
<b>Rescue Device</b>	Integrated DRD
<b>Weight (Full Set)</b>	Approx. 2.8–3.2 kg
<b>Closure System</b>	Heat-resistant zipper + FR Velcro
<b>Certifications</b>	NFPA 1971:2018
<b>Fit Options</b>	Custom sizes, lengths, ergonomics