

RUBBER FIRE BOOTS

TECHNICAL PARAMETERS SHEET



PSRFB-107

The PSRFB-107 Kevlar Rubber Fire Boots are heavy-duty structural boots tested to NFPA 1971:2018 methods and CSA Z195-14 / ASTM F2413 Grade 1. A vulcanized one-piece shell combines with a deep-lug slip-resistant outsole, Kevlar multilayer lining, reflective seam tape, and a reinforced heel counter.

Safety includes sole puncture tested to 1000 N (~225 lbf), shaft puncture tested to 500 N (~112 lbf), and dielectric test to 5,000 V. Poseidon provides customization, OEM/ODM design, and competitive bulk pricing to optimize safety and lifecycle cost.

Specification	Metric	Imperial
Model	PSRFB-107	PSRFB-107
Construction	Vulcanized one-piece rubber fire boots shell	Vulcanized one-piece rubber fire boots shell
Outsole	Heavy-duty neoprene, deep-lug, slip-resistant; ice-stud compatible	Heavy-duty neoprene, deep-lug, slip-resistant; ice-stud compatible
Lining	Kevlar® multilayer aramid composites	Kevlar® multilayer aramid composites
Comfort Liner	Meta-aramid / FR viscose	Meta-aramid / FR viscose
Moisture Barrier	Aramid felt + PTFE + PU	Aramid felt + PTFE + PU
Thermal Barrier	Meta-aramid / Para-aramid	Meta-aramid / Para-aramid
Color	Black & Yellow	Black & Yellow
Flame Resistance	After-flame ≤2 s; damage ≤100 mm; no melting/dripping	After-flame ≤2 s; damage ≤4 in.; no melting/dripping
Puncture (sole)	Tested to 1000 N	≈225 lbf
Puncture (shaft)	Tested to 500 N	≈112 lbf
Dielectric Test	Tested to 5,000 V	Tested to 5,000 V
Weight (pair)	2.78 kg	6.1 lb
Standards	NFPA 1971:2018; CSA Z195-14; ASTM F2413 G1	NFPA 1971:2018; CSA Z195-14; ASTM F2413 G1