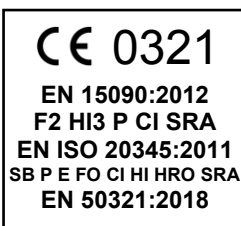


Technical Specification for Art 9687L

Product: Electrical Insulating Fireman Boot



Colour	Black/Yellow
Size range	EU : 36 – 50 UK : 3½ - 15 US : 4½ - 16
Type of construction	Vulcanized Rubber Upper and Sole
Last/ Sole Pattern	VSV/ NJV
Recommendation	◆ Structural fire fighting ◆ General fire rescue ◆ Bush fire fighting
Compliance	European Standard CE Approved – EN 15090: 2012 (F2 HI3 P CI SRA) EN ISO 20345: 2011 (SB P E FO CI HI SRA HRO) EN 50321-1:2018 Class 0 (for installation with nominal voltage up to 1000V A.C and 1500V D.C.) Australia New Zealand Standard Approved- AS/NZS 4821: 2014 (P HI2 CI SRC) F2/F2I = Type 2 footwear for firefighters suitable for fire rescue, fire suppression, property conservation & etc. with electrical insulating SB = Standard Basic Protection as per EN ISO 20345 HI3 = Heat Insulation Level 3 (under EN 15090:2012) HI2 = Heat Insulation Level 2 (under AS/ NZS 4821:2014) CI = Cold Insulation SRA = Slip Resistance on ceramic tile with Sodium Lauryl Sulphate SRC = SRA + Slip Resistance on steel surface with glycerine FO = Fuel Oil Resistant Outsole E = Heel Energy Absorption P = Nail Penetration Resistance HRO = Resistant to hot contact



AS/NZS 4821:2014
P HI2 CI SRC



 CSA / ASTM US ASTM F2413-18 M I/C EH PR 0194 / YY*	CSA Z195-14 / ASTM F2413-18 Grade 1 Toe protection Compression resistance, 11kN Nail penetration resistance 18 kV Electric Shock Resistance (ESR) protection Council Directive 2014/90/EU On Marine Equipment (MED) Complies Module B & D requirements *YY = year marking is affixed on the boot
Lining Material	◆ Extra comfort with woven cotton canvas
Upper construction	◆ Flame retardant upper with heat insulation ◆ Waterproof ◆ Reinforced rubber ◆ High visibility with black and yellow contrast
Sole / Heel	◆ Flame retardant rubber outsole ◆ Fuel oil resistant sole suitable for inimical environment ◆ Slip resistant vulcanized rubber outsole ◆ Excellent abrasion resistant for extra durability ◆ Withstand 18kV of life current at dry condition ◆ Heel energy absorption design to minimize heel impact ◆ Catered to enter high temperature ◆ Cold insulation sole construction
Steel Toe Cap	◆ Epoxy coated toe caps for anti-corrosion ◆ Meets EN ISO 20345 impact and compression tests ◆ Metal toecap provides reliable protection in cold & hot environments
Steel Midsole	◆ Non-corrosive stainless steel ◆ Withstands pin & sharp objects
Chemical Resistance	◆ Sole & Upper – Good resistant towards acids and alkalis
Finishing	◆ Lacquer coating for weather protection
Packing	◆ Recyclable Polybag & 6 pairs in a carton

**Specifications of the product are subject to changes without prior notice for further enhancements.*

Rev: 18/SELVI

SEPTEMBER 2019

