



HARVIK RUBBER INDUSTRIES SDN. BHD.



Technical Specification for Article 9687L

Product : **Electrical Insulating Fireman Boot**

Colour	Black/ Yellow
Size range	Euro: 36 – 50 UK : 3½ - 14½ US : 4½ - 15½
Type of construction	Vulcanized Rubber Upper and Sole
Last/ Sole Pattern	VSV/ NJV
Recommendation	• Structural fire fighting • General fire rescue • Bush fire fighting
Compliance    AS/NZS 4821 : 2006 P E T I H I	European Standard CE Approved – EN 15090 : 2006 (F2 IS HI3 P T CI) EN ISO 20345 : 2004 (SB P E CI SRA) Australia New Zealand Standard Approved- AS/NZS 4821 : 2006 (P E T I HI) F2 = Type 2 footwear for firefighters suitable for fire rescue, fire suppression, property conservation & etc. SB = Standard Basic Protection as per EN ISO 20345 IS = High Electrical Resistance Outsole HI₃ = Heat Insulation Level 3 CI = Cold Insulation SRA = Slip Resistance on ceramic tile with Sodium Lauryl Sulphate E = Heel Energy Absorption P = Penetration Resistance T = Toe Protection HRO= Resistant to hot contact



MS ISO 9001:2008
REG No. AR 0142



MS ISO 14001:2004
REG No. ER 0269



	CSA Z195-09 / ASTM F 2413-11 Grade 1 Toe protection Penetration resistance 18 kV Electric Shock Resistance (ESR) protection Council Directive 96/98/EC On Marine Equipment (MED) Complies Module B & D requirements
Lining Material	• Extra comfort with woven cotton canvas
Upper construction	• Flame retardant upper with heat insulation • Reinforced rubber • Waterproof • 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 insulating outsole construction
Steel Midsole	• Non-corrosive stainless steel • Withstands pin & sharp objects
Steel Toe Cap	• Epoxy coated toe caps • Meets EN ISO 20345 impact and compression tests • Reliable protection in cold & hot environment
Chemical Resistance	• Sole & Upper – Resistant towards strong 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.*

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