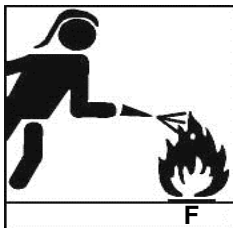



**Technical Specification for Art 9687L**
**Product : Electrical Insulating Fireman Boot**


<b>Colour</b>	Black/Yellow
<b>Size range</b>	Euro: 36 – 50 UK : 3½ - 14½ US : 4½ - 15½
<b>Type of construction</b>	Vulcanized Rubber Upper and Sole
<b>Last/ Sole Pattern</b>	VSV/ NJV
<b>Recommendation</b>	<ul style="list-style-type: none"> <li>◆ Structural fire fighting</li> <li>◆ General fire rescue</li> <li>◆ Bush fire fighting</li> </ul>
<b>Compliance</b>	<p>European Standard CE Approved –</p> <p><b>EN 15090 : 2012 (F2 HI3 P CI SRA)</b>  <b>EN ISO 20345 : 2011 (SB P E FO CI HI SRA HRO)</b>  <b>EN 50321 : 1999 Class 0</b> (for installation with nominal voltage up to 1000V A.C and 1500V D.C.)</p> <p>Australia New Zealand Standard Approved-  <b>AS/NZS 4821 : 2006 ( P E T I HI)</b></p> <p>F2 = Type 2 footwear for firefighters suitable for fire rescue, fire suppression, property conservation &amp; etc.  SB = Standard Basic Protection as per EN ISO 20345  I = High Electrical Resistance Outsole  HI<sub>3</sub> = Heat Insulation Level 3  CI = Cold Insulation  SRA = Slip Resistance on ceramic tile with Sodium Lauryl Sulphate  FO = Fuel Oil Resistant Outsole  E = Heel Energy Absorption  P = Nail Penetration Resistance  T = Toe Protection  HRO = Resistant to hot contact</p>

**CE 0321**  
EN 15090:2012  
F2 HI3 P CI SRA  
EN ISO 20345:2011  
SB P E FO CI HI HRO SRA  
EN 50321:1999


**Class 0**

**AS/NZS 4821 : 2006  
P E T I HI**


 <p>CSA* / ASTM c<sub>US</sub></p> <p>ASTM F2413-11 M I/75 C/75 EH PR</p> <p>0194/YY*</p>	<p><b>CSA Z195-14 / ASTM F 2413-11</b> Grade 1 Toe protection Compression resistance, 11kN Nail penetration resistance 18 kV Electric Shock Resistance (ESR) protection</p> <p><b>Council Directive 96/98/EC On Marine Equipment (MED)</b> Complies Module B &amp; D requirements</p> <p>*YY = year marking is affixed on the boot</p>
<p><b>Lining Material</b></p>	<ul style="list-style-type: none"> <li>◆ Extra comfort with woven cotton canvas</li> </ul>
<p><b>Upper construction</b></p>	<ul style="list-style-type: none"> <li>◆ Flame retardant upper with heat insulation</li> <li>◆ Waterproof</li> <li>◆ Reinforced rubber</li> <li>◆ High visibility with black and yellow contrast</li> </ul>
<p><b>Sole / Heel</b></p>	<ul style="list-style-type: none"> <li>◆ Flame retardant rubber outsole</li> <li>◆ Fuel oil resistant sole suitable for inimical environment</li> <li>◆ Slip resistant vulcanized rubber outsole</li> <li>◆ Excellent abrasion resistant for extra durability</li> <li>◆ Withstand 18kV of life current at dry condition</li> <li>◆ Heel energy absorption design to minimize heel impact</li> <li>◆ Catered to enter high temperature</li> <li>◆ Cold insulation sole construction</li> </ul>
<p><b>Steel Toe Cap</b></p>	<ul style="list-style-type: none"> <li>◆ Epoxy coated toe caps for anti-corrosion</li> <li>◆ Meets EN ISO 20345 impact and compression tests</li> <li>◆ Metal toecap provides reliable protection in cold &amp; hot environments</li> </ul>
<p><b>Steel Midsole</b></p>	<ul style="list-style-type: none"> <li>◆ Non-corrosive stainless steel</li> <li>◆ Withstands pin &amp; sharp objects</li> </ul>
<p><b>Chemical Resistance</b></p>	<ul style="list-style-type: none"> <li>◆ Sole &amp; Upper – Resistant towards strong acids and alkali</li> </ul>
<p><b>Finishing</b></p>	<ul style="list-style-type: none"> <li>◆ Lacquer coating for weather protection</li> </ul>
<p><b>Packing</b></p>	<ul style="list-style-type: none"> <li>◆ Recyclable Polybag &amp; 6 pairs in a carton</li> </ul>

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

Rev: 13/ADELEEN

SEPTEMBER 2015

