#### C99H-ISOL

**High safety shoes 20 kV - fully non-metallic**

**STANDARD**

EN ISO 20345:2013  
ASTM F2413 – 20KV

**USE**

Recommended for applications in electrical industry.  
Electrical network and oil & gas industry.

**ADVANTAGES**

Water repellent full-grain leather.  
Heat-resistant sole system.  
Breathable lining to improve comfort.

**TECHNICAL SPECIFICATIONS**

- Toecal 200J polymeric composite non-thermic  
- Midsole flexible antiperforation composite INSULATING fabric  
- Sole hard rock insulating bidensity polyurethane and insulating rubber resistant to hydrolysis, to hydrocarbons and to abrasion, anti-shock and anti-slipping SRC  
- The bottom of the shoe, within some limits (no humidity, it doesn’t concern the upper), offers electrical resistance against tension up to 1.000V - M Ω > 1.000  
- Electrical resistance: CSA Z195-14 Canadian standard - increase 1 kV/sec - voltage 20.000V /60 hz - duration 1 minute  
- Electrical resistance: ASTM F2413-11 standard – increase 1 kV/sec – voltage 20.000V/60 Hz – duration 1 minute  
- Electric flow requirement less than 1,0 mA  
INSOLE 4000, removable, anatomic, absorbing, antistatic and perspiring

<table>
<thead>
<tr>
<th>Reference</th>
<th>Size</th>
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<tbody>
<tr>
<td>C99H-ISOL</td>
<td>38 to 47</td>
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Complete the reference with the desired shoe size.

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