



**Prod. Ref.** TA090-000  
**Safety cat.** S3 SRC  
**Range of sizes** 39 - 47 (6 - 12)  
**Weight (sz. 8)** 720 g  
**Shape** B  
**Width** 10,5

**Description:** Black water repellent printed leather ankle boot, **TEXELLE** lining, antistatic, anti-shock, slipping resistant, with stainless steel midsole

**Plus:** **EVANIT** footbed, made of EVA and nitrile special compound, with high bearing capacity and variable thickness. Thermoformed, punched and coated with highly breathable fabric. Antistatic thanks to a specific treatment on the surface and to seams made of conductive yarns. Laces protection, adjustable metal buckle. **Abrasion resistant polyurethane toe cap protection**

**Suggested uses:** Footwear for welders

**Care and maintenance:** Clean after each use and dry off away from direct heat; treat the leather with a suitable shoe-polish. Avoid contact with aggressive chemicals or extreme temperature. Avoid immersion in sea water, lime water or cement mixed with water

### MATERIALS / ACCESSORIES

### SAFETY TECHNICAL SPECIFICATIONS

		Clause EN ISO 20345:2011	Description	Unit	Cofra result	Requirement	
<b>Complete shoe</b>	<b>Toe cap:</b> steel made, varnished with epoxy resin, impact resistant until 200 J and compression resistant until 1500 kg	5.3.2.3	Shock resistance (clearance after shock)	mm	<b>14,5</b>	≥ 14	
		5.3.2.4	Compression resistance (clearance after compression)	mm	<b>15</b>	≥ 14	
	<b>Anti perforation midsole:</b> stainless steel, penetration resistance, varnished with epoxy resin	6.2.1	Penetration resistance	N	<b>1215</b>	≥ 1100	
		6.2.2.2	Electric resistance	- wet	MΩ	<b>25,8</b>	≥ 0.1
	- dry			MΩ	<b>56,5</b>	≤ 1000	
	<b>Energy absorption system</b>	6.2.4	Shock absorption	J	<b>30</b>	≥ 20	
		<b>Upper</b>	Black water repellent printed leather thickness 1,6/1,8 mm	5.4.6	Water vapour permeability	mg/cmq h	<b>&gt; 1,4</b>
				Permeability coefficient	mg/cmq	<b>&gt; 19,4</b>	> 15
	<b>Vamp</b>	Felt, breathable, colour dark grey thickness 1,2 mm	6.3.1	Water absorption		<b>7%</b>	≤ 30%
				Water penetration		<b>0,0 g</b>	≤ 0,2 g
<b>lining</b>	thickness 1,2 mm	5.5.3	Water vapour permeability	mg/cmq h	<b>&gt; 13,8</b>	≥ 2	
			Permeability coefficient	mg/cmq	<b>&gt; 110,5</b>	≥ 20	
<b>Quarter</b>	<b>TEXELLE</b> , breathable, abrasion resistant, colour green thickness 1,2 mm	5.5.3	Water vapour permeability	mg/cmq h	<b>&gt; 11,2</b>	≥ 2	
			Permeability coefficient	mg/cmq	<b>&gt; 90,7</b>	≥ 20	
<b>Insole</b>	Antistatic, absorbent, abrasion and flaking resistant	5.7.4.1	Abrasion resistance	cycle	<b>&gt; 400</b>	≥ 400	
<b>Sole</b>	Antistatic dual-density Polyurethane directly injected in the upper:	5.8.3	Abrasion resistance (lost volume)	mm <sup>3</sup>	<b>84</b>	≤ 150	
		5.8.4	Flexing resistance (cut increase)	mm	<b>2</b>	≤ 4	
		5.8.6	Interlayer bond strength	N/mm	<b>4</b>	≥ 4	
	Outsole: black, high density, slipping resistant, abrasion resistant and hydrocarbons resistant,	6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	<b>0,6</b>	≤ 12	
		5.3.5	SRA : ceramic + detergent solution – flat			<b>0,48</b>	≥ 0,32
	SRA : ceramic + detergent solution – heel (contact angle 7°)				<b>0,44</b>	≥ 0,28	
	Midsole: black, low density, comfortable and anti-shock	Adherence coefficient of the sole	5.3.5	SRB : steel + glycerol – flat		<b>0,23</b>	≥ 0,18
SRB : steel + glycerol – heel (contact angle 7°)					<b>0,16</b>	≥ 0,13	