

<b>Prod. Ref.</b>	00010-012
<b>Safety cat.</b>	S5
<b>Sizes range</b>	36 - 48
<b>Weight ( sz.42 )</b>	925 gr
<b>Shape</b>	D
<b>Wide</b>	12

**Description:** Black **POLIXANE®** boot, water resistant, antishock, antislipping, with steel toe cap and midsole.

**Plus:** Maximum resistance to mineral oils and hydrocarbons full piece, antibacterial and antifungal. Slope design of the leg for favoring the run-off of liquid; also available with thermo-insulation inner lining.

**Suggested uses:** Mechanical industry, refineries, oil-bearing platforms, industry in general.

**Care and maintenance:** Clean it after each use drying off in ventilated areas, away from heat sources; remove all the residuals of contaminating stuff or dust with a good shoe-brush or a duster. Wash the boots with water and soap. Do not use aggressive products (acids, benzine, solvents) which may alter quality, protection functions and life of the footwear.



## MATERIALS / ACCESSORIES

## SAFETY TECHNICAL SPECIFICATIONS

		Clause EN 344	Description	Unit	Cofra result	Standard 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	4.3.2.3.1	Shock resistant (free high after shock)	mm	<b>16</b>	≥ 14
		4.3.2.4.1	Compression resistance (free high after compression)	mm	<b>17</b>	≥ 14
	<b>Anti perforation midsole:</b> stainless steel, penetration resistance, varnished with epoxy resin	4.3.3	Perforation resistant	N	<b>1300</b>	≥ 1100
	<b>Antistatic shoe:</b> the bottom is fit for the dissipation of electrostatic charges	4.3.4.2	Electric resistance			
			- wet	MΩ	<b>80</b>	≥ 0.1
			- dry	MΩ	<b>800</b>	≤ 1000
<b>Leg</b>	<b>Energy absorption system</b>	4.3.6	Shock absorption	J	<b>&gt; 45</b>	≥ 20
		4.3.7	Leakproofness	----	<b>any air leak</b>	any air leak
		4.4.3	Breaking off extension	Mpa	<b>3,7</b>	from 1,3 to 4,6
			Extension coefficient to 100%	%	<b>255</b>	≥ 250
		4.4.4	Flexing resistance	cycle	≥ <b>150.000</b>	≥ 150.000
<b>Insole</b>	Antistatic, absorbent, abrasion and flaking resistant	4.7.4	Abrasion resistance	cycle	<b>&gt; 400</b>	≥ 400
<b>Sole</b>	<b>POLIXANE®</b> , colour black, anti slipping, antishock, mineral oils and hydrocarbons resistant	4.8.4	Abrasion resistance (lost volume)	mm <sup>3</sup>	<b>51</b>	≤ 250
		4.8.5	Flexing resistance (cut increase)	mm	<b>0</b>	≤ 4
		4.8.7	Interlayer bond strength	N/mm	<b>&gt; 5</b>	≥ 4
		4.8.9	Hydrocarbons resistance (ΔV = volume increase)	%	<b>+ 2,8</b>	≤ + 12
		ENV 13287	Adherence coefficient of the sole	----	<b>0,16</b>	≥ 0,15