

Prod. Ref	71575-001
Occupational Cat	E ORO WRU
Size range	39 - 47
Weight (size 42)	600 g
Shape	B
Width	11

Description: Black water repellent printed leather boot, **Sany-Dry®** lining, anti-shock, slipping resistant.

Key points: insole and sole are highly electric resistant. The whole boot has been designed in order not to have any metal parts; anatomical and padded bellows tongue; padded collar; leather tag for quick and easy fitting and removal.

Suggested use: Given the high electrical resistance, it is possible to use this boot as a secondary protective equipment in addition to the primary ones (obligatory) for installation of electric plants and all activities where it is important to reduce the risk of lesions for accidental contacts with hot electric wires.

Instructions: This boot is not a primary protective equipment. It does not prevent the risk of electrical shock when working with dangerous tensions and does not insulate from high voltage. Apart from these footwear the worker must use other electrical shock protective equipment (i.e. gloves and insulating rubber carpets or alternative systems in the work place). The resistance against electric shocks fails in wet environments and when the outer surface of the sole is contaminated by chemical agents (i.e. road salt) or entrapped conductive materials (i.e. nails or metal swarf). Therefore it is necessary to check the footwear carefully. They must be replaced if damaged or too worn. The use of this shoe is absolutely not advisable in explosive stores or any place with risk of fire.

Care and maintenance: Clean after use and let the shoe dry in airy places, away from heat sources; treat the leather with a suitable shoe-polish; it is better to avoid a continuous contact with aggressive acids or with extreme temperature. Avoid a complete immersion in sea and lime water, and in cement dry or mixed with water.



MATERIALS / ACCESSORIES

Complete shoe	Value of electric resistance higher than that of antistatic footwear
Upper	Black water repellent printed leather, thickness 2,0 mm
Vamp lining	Tissue, breathable, abrasion resistant, colour black thickness 1,2 mm
Quarter lining	Sany-Dry® , breathable, abrasion resistant, colour black
Insole	Felt, electrically insulating, absorbent, abrasion and flaking resistant
Sole	Dual density PU made of a new electrically insulating compound. Excellent slip, abrasion and flexion resistance, good climatic insulation; high energy absorption in the heel area during the walk and in case of impact Electric insulation of the footwear bottom in dry condition

SAFETY TECHNICAL SPECIFICATIONS

		Clause EN 344	Description	Unit	Cofra result	EN 345 requirement
Complete shoe	Value of electric resistance higher than that of antistatic footwear	5.7	Resistance against electric shocks of the whole footwear	MΩ	> 2000	> 1000
Upper	Black water repellent printed leather, thickness 2,0 mm	4.4.5	Resistance against water penetration	minutes	> 60	> 60
		4.4.6	Steam permeability	mg/cmq h	> 3	≥ 0,8
			Permeability coefficient	mg/cmq	> 30	> 20
Vamp lining	Tissue, breathable, abrasion resistant, colour black thickness 1,2 mm	4.5.4	Steam permeability	mg/cmq h	> 5	≥ 2
			Permeability coefficient	mg/cmq	> 43,4	≥ 30
Quarter lining	Sany-Dry® , breathable, abrasion resistant, colour black	4.5.4	Steam permeability	mg/cmq h	> 5	≥ 2
			Permeability coefficient	mg/cmq	> 39	≥ 30
Insole	Felt, electrically insulating, absorbent, abrasion and flaking resistant	4.7.4	Abrasion resistance	cycle	> 400	≥ 400
		4.3.6	Shock absorption	J	> 35	≥ 20
Sole	Dual density PU made of a new electrically insulating compound.	4.8.4	Abrasion resistance (lost volume)	mm ³	80	≤ 150
	Excellent slip, abrasion and flexion resistance, good climatic insulation;	4.8.5	Flexing resistance (cut increase)	mm	3	≤ 4
	high energy absorption in the heel area during the walk and in case of impact	4.8.7	Interlayer bond strength	N/mm	> 5	≥ 4
		ENV 13287	Adherence coefficient of the sole	----	0,17	≥ 0,15
	Electric insulation of the footwear bottom in dry condition	CAN/CSA Z195-02	Test voltage Test time	18.000 Volts 1 minute	mA 0,250	≤ 1