PRODUCT SHEET

COULOMB S2 SRC

Prod. Ref.	33051-007
Safety cat.	S2 SRC
Range of sizes	39 - 47 (6 - 12)
Weight	520 g
Shape	A
Width	10

Description: Black water repellent full grain leather slip-on, leather lining, antistatic, anti-shock, slipping resistant

Plus: half insole made of leather and padded in the heel area

Suggested uses: Footwear for service industry and uniforms

Care and maintenance: Clean after each use and dry off away from direct heat. Avoid contact with aggressive chemicals or extreme temperature. Avoid immersion in sea water, lime water or cement mixed with water

MATERIALS / ACCESSORIES

Complete shoe	**Toe cap:** steel made, varnished with epoxy resin, impact resistant until 200 J	
	and compression resistant until 1500 kg	
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	
	Energy absorption system	
Upper	Black water repellent full grain leather	
	thickness 1,6/1,8 mm	
Vamp	Gabardine, breathable, colour black	
lining	thickness 1,2 mm	
Quarter	Leather, breathable, abrasion resistant, colour light brown	
lining	thickness 0,9 mm	
Insole	Antistatic, absorbent, abrasion and flaking resistant.	
Sole	Antistatic single-density polyurethane directly injected on the upper	
	colour black, slipping resistant, abrasion resistant and hydrocarbons resistant	
	Adherence coefficient of the sole	

SAFETY TECHNICAL SPECIFICATIONS

Clause EN ISO 20345:2011	Description	Unit	Cofra result	Standard requirement
5.3.2.3	Shock resistance (clearance after shock)	mm	**15**	≥ 14
5.3.2.4	Compression resistance (clearance after compression)	mm	**15,5**	≥ 14
6.2.2.2	Electric resistance			
	- wet	MΩ	**7,43**	≥ 0.1
	- dry	MΩ	**839**	≤ 1000
6.2.4	Shock absorption	J	**28**	≥ 20
5.4.6	Water vapour permeability	mg/cmq h	**> 1,4**	≥ 0,8
	Permeability coefficient	mg/cmq	**> 17,9**	> 15
6.3.1	Water absorption		**5%**	≤ 30%
	Water penetration		**0,0 g**	≤ 0,2 g
5.5.3	Water vapour permeability	mg/cmq h	**> 5,2**	≥ 2
	Permeability coefficient	mg/cmq	**> 43,6**	≥ 20
5.5.3	Water vapour permeability	mg/cmq h	**> 6,4**	≥ 2
	Permeability coefficient	mg/cmq	**> 53,3**	≥ 20
5.7.4.1	Abrasion resistance	cycle	**> 400**	≥ 400
5.8.3	Abrasion resistance (lost volume)	mm^3	**195**	≤ 250
5.8.4	Flexing resistance (cut increase)	mm	**2**	≤ 4
6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	**1**	≤ 12
5.3.5	SRA : ceramic + detergent solution – flat		**0,43**	≥ 0,32
	SRA : ceramic + detergent solution – heel (contact angle 7°)		**0,40**	≥ 0,28
	SRB : steel + glycerol – flat		**0,19**	≥ 0,18
	SRB : steel + glycerol – heel (contact angle 7°)		**0,14**	≥ 0,13