COFRA®
BORN TO WORK

PRODUCT SHEET

SOLDER BIS UK S3 HRO SRC

Prod. Ref.	26641-000
Safety cat.	S3 HRO SRC
Range of sizes	39 - 48 (6 - 13)
Weight (sz. 8)	690 g
Shape	B
Wide (3 - 6)	10
Wide (6,5 - 13)	11

Description: Black water repellent printed leather ankle boot, **Texelle** lining, anti-shock, antistatic, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**.

Plus: Footbed **AIR** made of EVA and fabric, antistatic, anatomic, holed, antistatic. It guarantees high stability thanks to its different thicknesses in the plantar area. Firm support made of polycarbonate and fibreglass conveniently placed between heel and sole, which provides support and protection of the plantar arch, thus preventing harmful bendings. Outsole resistant to +300°C (1 minute contact). Padded collar. PU toe cap protection. Laces protection from sparks, quick release system. **Fireproof seams**.

Suggested uses: Maintenance jobs, industries. 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

Complete shoe	**Toe cap:** non metallic **TOP RETURN** toe cap, impact resistant until 200 J and compression resistant until 1500 kg	
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, **Zero Perforation**	
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	
	Energy absorption system: polyurethane low density and heel profile	
Upper	Black water repellent printed leather thickness 1,6/1,8 mm	
Vamp lining	Felt, breathable, colour dark grey thickness 1,2 mm	
Quarter lining	**Texelle**, breathable, abrasion resistant, colour black thickness 1,2 mm	
Sole	Antistatic polyurethane - nitrile rubber, directly injected in the upper:	
	Outsole: black nitrile rubber, slipping resistant, abrasion resistant, hydrocarbons resistant and heat resistant.	
	Midsole: black PU, low density, comfortable and anti-shock.	
	Adherence coefficient of the sole	

Distributed by:

SAFETY TECHNICAL SPECIFICATIONS

Clause EN ISO 20345:2011	Description	Unit	Cofra result	requirement
5.3.2.3	Shock resistance (clearance after shock)	mm	**16,5**	⬅ 14
5.3.2.4	Compression resistance (clearance after compression)	mm	**16**	⬅ 14
6.2.1	Penetration resistance	N	**To 1100 N**	⬅ 1100
			No perforation	
6.2.2.2	Electric resistance			
	- wet	MΩ	**116**	⬅ 0.1
	- dry	MΩ	**450**	↑ 1000
6.2.4	Shock absorption	J	**> 33**	⬅ 20
5.4.6	Water vapour permeability	mg/cmq h	**> 2,4**	⬅ 0,8
	Permeability coefficient	mg/cmq	**> 26,3**	> 15
6.3.1	Water resistance	minutes	**> 60**	> 60
5.5.3	Water vapour permeability	mg/cmq h	**> 4,7**	⬅ 2
	Permeability coefficient	mg/cmq	**> 40,6**	⬅ 20
5.5.3	Water vapour permeability	mg/cmq h	**> 6,8**	⬅ 2
	Permeability coefficient	mg/cmq	**> 55,4**	⬅ 20
5.8.3	Abrasion resistance (lost volume)	mm^3	**95**	↑ 150
5.8.4	Flexing resistance (cut increase)	mm	**2**	↑ 4
5.8.6	Interlayer bond strength	N/m	**> 5**	⬅ 4
6.4.4	Hot resistance (300 °C)	----	**any melting**	any melting
6.4.2	Hydrocarbons resistance (V = volume increase)	%	**2,7**	↑ 12
5.3.5	SRA : ceramic + detergent solution – flat		**0,36**	⬅ 0,32
	SRA : ceramic + detergent solution – heel (contact angle 7°)		**0,32**	⬅ 0,28
	SRB : steel + glycerol – flat		**0,18**	⬅ 0,18
	SRB : steel + glycerol – heel (contact angle 7°)		**0,13**	⬅ 0,13

Emesso dal Laboratorio Prove Tecniche