COFRA
BORN TO WORK

PRODUCT SHEET

TYPHOON
BLACK/BLACK S5 SRC

Prod. Ref.	00300-012
Safety cat.	S5 SRC
Sizes range	39 - 47 (6 - 12)
Weight (sz. 8)	1350 g
Shape	D
Width	12

Description: Black **PVC ERGO-NITRIL** boot, water resistant, anti-shock, slipping resistant, with steel toe cap and stainless steel midsole.

Plus: PVC Nitrile compound (10% Nitrile) particulary sturdy and flexible which guarantees excellent resistance to hydrocarbons and extreme freedom of movement. The height of its cleats and the outsole design make the boot very stable also on uneven grounds. Ample mini-spurs for removal, reinforced toe-cap and stress areas. Also available with thermo-insulating inner lining upon request. Complying with **REACH** regulation. **Packade in plastic bag.**

Suggested uses: Refineries, oil-bearing platforms.

Care and maintenance: FOR A PROPER MAINTENANCE WASH THE BOOT AFTER USE. 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

Complete shoe	**Toe cap:** steel made, varnished with epoxy resin, impact resistant until 200 J
	and compression resistant until 1500 kg
	Anti perforation midsole: stainless steel, penetration resistance, varnished with epoxy resin
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges
	Energy absorption system
Leg	**PVC ERGO-NITRIL,** colour black, sturdy, flexible
Sole	**PVC ERGO-NITRIL,** colour black, slipping resistant, anti-shock, mineral oils
	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 resistant (free high after shock)	mm	**16,5**	≥ 14
5.3.2.4	Compression resistance (free high after compression)	mm	**15,5**	≥ 14
6.2.1	Perforation resistant	N	**1300**	≥ 1100
6.2.2.2	Electric resistance			
	- wet	MΩ	**54,6**	≥ 0.1
	- dry	MΩ	**968**	≤ 1000
6.2.4	Shock absorption	J	**> 24**	≥ 20
5.3.3	Leakproofness	----	**any air leak**	any air leak
5.4.4	Breaking off extension	Mpa	**3,2**	from 1,3 to 4,6
	Extension coefficient to 100%	%	**285**	≥ 250
5.4.5	Flexing resistance	cycle	**After 150.000 no break**	After 150.000 no break
5.8.3	Abrasion resistance (lost volume)	mm^3	**238**	≤ 250
5.8.4	Flexing resistance (cut increase)	mm	**2**	≤ 4
5.8.6	Interlayer bond strength	N/mm	**> 5**	≥ 4
6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	**2,3**	≤ 12
5.3.5	SRA : ceramic + detergent solution – flat		**0,55**	≥ 0,32
	SRA : ceramic + detergent solution – heel (contact angle 7°)		**0,47**	≥ 0,28
	SRB : steel + glycerol – flat		**0,24**	≥ 0,18
	SRB : steel + glycerol – heel (contact angle 7°)		**0,18**	≥ 0,13