

TECHNICAL SHEET



Article: B0677C VIOLET

Norm: EN ISO 20345:11

Safety Class: S3 SRC

Sole	S10 FUCSIA
Weight, size 42:	512 gr
Footwear height:	75 mm
Width:	10
Construction / Sole:	STROBEL; AirTech/Tpu-Skin injected outsole
Anti-perforation insert	Fresh'n Flex ballistic fabric
Insole:	
Footbed supplied:	Dry'n Air Record
Other usable Footbeds (certified):	Dry'n Air Scan&Fit Record; Secosol; Secosol Dynamic

Entire footwear: protections

Component	Description	Value	Minimum Requirement	Norm
SlimCap toe-cap	Compression Resistance (15kN)	15,5 mm	≥ 14,0 mm	5.3.2.3
Outsole (SRC)	Slip resistance 20345:2011			
	•SRA – Hill (angle of 7°)	0,36	≥ 0,28	5.3.5.2
	•SRA – sole (full sole)	0,40	≥ 0,32	5.3.5.2
	•SRB – Hill (angle of 7°)	0,26	≥ 0,13	5.3.5.3
	•SRB – Sole (Full sole)	0,22	≥ 0,18	5.3.5.3
Fresh'n Flex (P)	Puncture resistance 20345:2011	No perforation	≥ 1100 N	5.2.1.1.2
Footwear with insole (A)	Antistatic properties			
	Electrical resistance	dry 81,4 MΩ - wet 38,7 MΩ	0,1 ÷ 1000 MΩ	6.2.2.2
Energy absorption (E)	Shock-absorption in the heel region	29 J	≥ 20 J	6.2.4

Upper

Materials	Description	Value	Minimum Requirement	Norm
Technical fabric Weareco	Tear resistance	202 N	≥ 60 N	5.4.3
	Traction resistance	N/A	≥ 15 N/mm ²	5.4.4
	Water steam permeability	11,9 mg/cm ² h	≥ 0,8 mg/cm ² h	5.4.6
	Water steam coefficient	97,3 mg/cm ²	≥ 15,0 mg/cm ²	5.4.6
	Chromium VI content (if leather)	N/A	Not detectable	5.4.9
	Water passed	0,05 g	≤ 0,2 g	6.3
	Water absorption	7,9 %	≤ 30%	6.3

Lining

Materials	Description	Value	Minimum Requirement	Norm
Hi-tech 3D fabric	Tear resistance	47 N	≥ 15 N	5.5.1
	Abrasion resistance	• No dry hole	No holes before 51,200 cycles	5.5.2
		• No hole in humid environment	No holes before 25,600 cycles	5.5.2
	Water steam permeability	21,1 mg/cm ² h	≥ 2,0 mg/cm ² h	5.5.3
Chromium VI content (if leather)	N/A	Not detectable	5.5.5	

Sole

Materials	Description	Value	Minimum Requirement	Norm
AirTech + Tpu-Skin anti-fatigue sole	Profile height	4,6 mm	≥ 2,5 mm	5.8.1.3
	Tear resistance	11,4 kN/m	≥ 5 kN/m	5.8.2
	Abrasion resistance	95 mm ³	≤ 250 mm ³	5.8.3
	Notches increase after 30.000 cycles	0,9 mm	≤ 4mm	5.8.4
	Notches increase after 150.00 cycles (hydrolysis)	3,0 mm	≤ 6 mm	5.8.5
	Tread- Midsole detachment	N/A	≥ 4N/mm; ≥ 3 mm with sole tear	5.8.6
	HRO Contact heat resistance (300°C)	N/A	No damage (melting, breaking)	6.4.1
	FO Fuel resistance (volume changes)	0,7 %	≤ 12%	6.4.2

Issued by: Innovation Director Ing. Cataldo De Luca

Signature



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