SATURN S3 SRC ESD

DESCRIPTION	NORM EN ISO 20345:2011	RESULT	REQUIREMENT
UPPER: Breathable and high abrasion resistant	5.4.3 Tear strength	138 N	≥60 N
	5.4.6 Water vapor permeability	24,7 mg/cm²h	≥ 0,8 mg/cm²h
	Coefficient	197,9 mg/cm²	≥ 15,0 mg/cm²
VAMP LINING: Breathable, abrasion resistance.	5.5.1 Tear strength	42 N	≥ 15 N
	5.5.2 Abrasion resistance(Wet)	No holes	25.600 cycles
	Abrasion resistance(Dry)	No holes	12.800 cycles
	5.5.3 Water vapor permeability	139,2 mg/cm²h	≥ 2,0 mg/cm²
	Coefficient	1113,9 mg/cm²	≥20,0 mg/cm²
QUARTER LINING: Breathable, abrasion resistance.	5.5.1 Tear strength	32 N	≥ 15 N
	5.5.2 Abrasion resistance(Wet)	No holes	51.200 cycles
	Abrasion resistance(Dry)	No holes	25.600 cycles
	5.5.3 Water vapor permeability	126.4 mg/cm²h	≥ 2,0 mg/cm²
	Coefficient	1011,6 mg/cm²	≥20,0 mg/cm²
SEAT REGION LINING: Breathable, abrasion resistance.	5.5.1 Tear strength	33 N	≥ 15 N
	5.5.2 Abrasion resistance(Wet)	No Fori	51.200 cycles
	Abrasion resistance(Dry)	No Fori	25.600 cycles
	5.5.3 Water vapor permeability	15,2 mg/cm²h	≥ 2,0 mg/cm²
	Coefficient	122 mg/cm²	≥20,0 mg/cm²
SAFETY TOE CAP: Non-metallic polycarbonate safety toe.	5.3.2.3 Impact resistance	17,0 mm	≥ 14 mm
	5.3.2.4 Compression resistance	19,0 mm	≥ 14 mm
PIERCE-RESISTANCE: Textile pierce proof footbed,	5.7.1. Thickness	3,5 mm	≥ 2,0 mm
	5.7.3 Water absorption	88 mg/cm²	≥70,0 mg/cm²
FOOTBED: Removable, cushioned, antistatic insole.	5.7.4.2 Abrasion resistance(Wet)	No Fori	25.600 cycles
	Abrasion resistance(Dry)	No Fori	12.800 cycles
Personnel grounding.	6.3 Resistance to ground	42 Dx = 1,60 x 10^8 Ω 42 Sx = 1,54 x 10^8 Ω	<1,00 x 10^9 Ω
	6.4 Chargeability	42 Dx = 9,82 x 10^7 Ω 42 Sx = 9,62 x 10^7 Ω	<1,00 x 10^9 Ω
	7.0 Electrical resistance	42= 10,77V	<100V

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SOLE: PU 2D antislip, SRC	5.8.2 Tear strength	14,9 kN/m	≥ 8 kN/m
	5.8.3 Abrasion resistance	142 mm^3	≤ 150 mm^3
	5.8.4 Flexing resistance	0,5 mm	≤ 4,0 mm
	5.8.5 Hydrolysis	0,6 mm	≤ 6,0 mm
	5.10 Antistatic	dry: 8,59 x$10^7\Omega$ wet: 4,35 x$10^7\Omega$	
	6.4.2 Oils resistance	2,4 %	≤ 12%
	5.11 Pressed ceramic tile floor on detergent resistance		
	Flat slip	0,56	≥ 0,32
	Heel slip	0,35	≥ 0,28
	Stainless steel plate on glycerin resistance		
	Flat slip	0,19	≥ 0,18
	Heel slip	0,15	≥ 0,13

SIZES: 35-48

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