

## URANUS S3 SRC ESD



DESCRIPTION	NORM EN ISO 20345:2011	RESULT	REQUIREMENT
<b>UPPER:</b> Full grain leather, water resistance	5.4.3 Tear strength	260 N	≥60 N
	5.4.6 Water vapor permeability	3,4 mg/cm <sup>2</sup> h	≥ 0,8 mg/cm <sup>2</sup> h
	Coefficient	34,0 mg/cm <sup>2</sup>	≥ 15,0 mg/cm <sup>2</sup>
<b>VAMP LINING:</b> 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/cm <sup>2</sup> h	≥ 2,0 mg/cm <sup>2</sup> h
<b>QUARTER LINING:</b> Breathable, abrasion resistance.	Coefficient	1113,9 mg/cm <sup>2</sup>	≥20,0 mg/cm <sup>2</sup>
	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
<b>SEAT REGION LINING:</b> Breathable, abrasion resistance.	5.5.3 Water vapor permeability	126.4 mg/cm <sup>2</sup> h	≥ 2,0 mg/cm <sup>2</sup> h
	Coefficient	1011,6 mg/cm <sup>2</sup>	≥20,0 mg/cm <sup>2</sup>
	5.5.1 Tear strength	33 N	≥ 15 N
	5.5.2 Abrasion resistance(Wet)	No holes	51.200 cycles
<b>SAFETY TOE CAP:</b> Non-metallic polycarbonate safety toe.	Abrasion resistance(Dry)	No holes	25.600 cycles
	5.5.3 Water vapor permeability	15,2 mg/cm <sup>2</sup> h	≥ 2,0 mg/cm <sup>2</sup> h
	Coefficient	122 mg/cm <sup>2</sup>	≥20,0 mg/cm <sup>2</sup>
<b>PIERCE-RESISTANCE:</b> Textile pierce proof footbed,	5.3.2.3 Impact resistance	17,0 mm	≥ 14 mm
	5.3.2.4 Compression resistance	19,0 mm	≥ 14 mm
<b>FOOTBED:</b> Removable, cushioned, antistatic insole.	5.7.1. Thickness	3,5 mm	≥ 2,0 mm
	5.7.3 Water absorption	88 mg/cm <sup>2</sup>	≥70,0 mg/cm <sup>2</sup>
	5.7.4.2 Abrasion resistance(Wet)	No holes	25.600 cycles
	Abrasion resistance(Dry)	No holes	12.800 cycles
Personnel grounding.	6.3 Resistance to ground	42 Dx = 1,60 x 10 <sup>8</sup> Ω	<1,00 x 10 <sup>9</sup> Ω
		42 Sx = 1,54 x 10 <sup>8</sup> Ω	
	6.4 Chargeability	42 Dx = 9,82 x 10 <sup>7</sup> Ω	<1,00 x 10 <sup>9</sup> Ω
		42 Sx = 9,62 x 10 <sup>7</sup> Ω	
	7.0 Electrical resistance	42= 10,77V	<100V

<b>SOLE:</b> PU 2D antislip, SRC	5.8.2 Tear strength	14,9 kN/m	≥ 8 kN/m
	5.8.3 Abrasion resistance	142 mm <sup>3</sup>	≤ 150 mm <sup>3</sup>
	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 x10 <sup>7</sup> Ω wet: 4,35 x10 <sup>7</sup> Ω	
	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

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**SIZES: 35-48**