



**Static Dissipative Safety Booties
2507 Series
BTU-530**

Physical Properties

Material Type	PU (polyurethane)	
Production Type	Direct Injection Moulding	
Feature	T.H.I.S / Professional / Oil Resistance / Non Slip	
Available Size (mm)	230, 240, 250, 260, 270, 280, 290, 300	
Weight	800 +/- 100	grams/pair
Surface Resistivity (Bottom Sole)	$10^7 - 10^9$	ohms / sq
Resistance to Ground (RTG)	$10^6 - 10^8$	ohms
Static Decay (5 KV - 0.5 KV)	< 0.2	sec
Color	Upper Cover	White
	Bottom Sole	Light Grey
Materials	Upper Cover	Wet PU 1.5mm + Non-woven 0.9mm (T) + Merry Mesh Lining
	Taping	Wet PVC 0.4mm (T) + 15mm (W)
	Steel Toe Cap	550C 1.3mm (T)
	Inner Sole	Polyester + PVC Dots
	Bottom Sole	PU injection with ESD Compound
Application	ESD Control Heavy Duty Working Area	

PSB Test Methods

SS513: Part 1: 2005	Personal protective equipment – safety footwear (Part 1 Requirements).
SS513: Part 2: 2005	Personal protective equipment – safety footwear (Part 2 Test Methods).

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Properties of Fabric

TEST	WARP	WEFT	UNIT	Method
Yarn	PFY 75D	PFY 100D	Denier	-
FCF	24 DTEX	-	BASF	-
Density	180	97	Threads / Inch	-
Weave	0.5 TWL (2.5mm Grid)		-	-
Width	58"/60"	58"/60"	Inch x YD	-
Weight	105	105	Gr / M ²	-
Cover Factor	2498	2498	-	-
Air Permeability	10.4	10.4	Cm ² / Cm ² / Sec	JIS-L1096
Moisture Permeability	363.3	363.3	GR / m ² / HR	JIS-L1099
Filtration Efficiency 0.3µm – 0.5µm	80 – 85	80 – 85	%	LES RP-CC-003-87-T MODIFIED
Tearing Strength	2240	2120	Gr	-
Tensile Strength	95.6	64.8	Kg	-
Friction Static Voltage	Below 10	Below 10	Volts	JIS-L1094B
Surface Resistivity	10 ⁵ - 10 ⁶	10 ⁵ - 10 ⁶	Ω/Sq	ASTM D 257
Static Decay 5,000V – 500V	0.01	0.01	Sec	FTS M4046 S101C
Abrasion Resistance	61	61	Cycles	JIS-L1096 Univ.

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