

Qualification Report

ANSI/ESD STM2.1 Garments

9010 Series ESD Jacket with Knit Cuff

Part Numbers: JKV9021, JKV9022, JKV9023, JKV9024, JKV9025, JKV9026, JKV9027, JKV9028, JKV9029
(Color designation added to end: BK Black, LB Light blue, WH White, MR Maroon, TL Teal, GY Grey)

Environment	Moderate/Low	Test Equipment Used	
Temperature:	68F/68F	Manufacturer:	Wolfgang Warmbier
Humidity:	50%/12%	Model:	Metriso 3000
Specimen #:	3	Serial:	ZD0031
Conducted By:	AS		

Measurement	Measurement Location	Moderate	Low	Moderate	Low	Moderate	Low	Required Limit
		#1	#1	#2	#2	#3	#3	
Rpp	LS to LFP	8.00×10 ⁶	5.92×10 ⁶	9.25×10 ⁶	5.96×10 ⁶	9.57×10 ⁶	8.62×10 ⁶	< 1.0 x 10 ⁹ Ω
	LS to RFP	1.69×10 ⁷	1.02×10 ⁷	1.72×10 ⁷	8.65×10 ⁶	1.60×10 ⁷	1.74×10 ⁷	
	LS to LBP	1.58×10 ⁷	7.42×10 ⁶	1.17×10 ⁷	6.72×10 ⁶	1.44×10 ⁷	1.34×10 ⁷	
	LS to RBP	1.62×10 ⁷	7.94×10 ⁶	1.16×10 ⁷	7.52×10 ⁶	1.35×10 ⁷	1.66×10 ⁷	
	LS to RS	2.15×10 ⁷	1.16×10 ⁷	1.01×10 ⁷	1.32×10 ⁷	1.46×10 ⁷	1.38×10 ⁷	
	BCP to BCP	3.35×10 ⁷	1.44×10 ⁷	3.44×10 ⁷	2.45×10 ⁷	2.32×10 ⁷	2.42×10 ⁷	
Rpgp	LS to Gp	7.81×10 ⁶	7.81×10 ⁶	3.60×10 ⁷	9.12×10 ⁶	1.23×10 ⁷	1.30×10 ⁷	< 1.0 x 10 ⁹ Ω
	LFP to Gp	6.46×10 ⁶	6.46×10 ⁶	1.52×10 ⁷	1.74×10 ⁷	9.29×10 ⁶	8.95×10 ⁶	
	RFP to Gp	1.11×10 ⁷	1.11×10 ⁷	1.55×10 ⁷	1.91×10 ⁷	1.65×10 ⁷	1.35×10 ⁷	
	LBP to Gp	8.48×10 ⁶	8.24×10 ⁶	1.30×10 ⁷	1.76×10 ⁷	1.44×10 ⁷	1.55×10 ⁷	
	RS to Gp	1.87×10 ⁶	6.40×10 ⁶	1.90×10 ⁷	1.94×10 ⁷	1.96×10 ⁷	2.01×10 ⁷	
	BCP to Gp	1.92×10 ⁷	1.30×10 ⁷	1.20×10 ⁷	1.54×10 ⁷	2.06×10 ⁷	2.12×10 ⁷	
System	BCP to Gp	1.90×10 ⁷	1.42×10 ⁷	1.15×10 ⁷	1.61×10 ⁷	2.00×10 ⁷	2.22×10 ⁷	< 1.0 x 10 ⁹ Ω
	Person to Gtp	1.19×10 ⁷	-	9.00×10 ⁶	-	1.22×10 ⁷	-	< 1.0 x 10 ⁹ Ω

Terminology	
LS	Left Sleeve
RS	Right Sleeve
LFP	Left Front Panel
RFP	Right Front Panel
LBP	Left Back Panel
RBP	Right Back Panel
BCP	Body Contact Point
Gp	Groundable Point
Gtp	Ground Termination Point
Rpp	Resistance point-to-point
Rpgp	Resistance point-to-groundable point
System	Resistance in combination with a person

