



EOS/ESD Association Services, LLC

Product Test Report

Bertech ESD Ground Cords
Model: CGC151M

Technician - Brennan Pimpinella

The results provided in this report are accurate within the limits appropriate to each test standard. This report shall not be reproduced, except in full, without written permission from EOS/ESD Association Services, LLC.

Bertech CGC151M cables were tested. There is no standardized method for this testing. Testing was performed on the cable from one end to the other end.

Test Date: 2/06/26

Test Facility: EOS/ESD Association Services LLC

Conditioning Temperature: 23°C

Conditioning Humidity: 12% R.H.

Conditioning Time: 48 hours

Test Temperature: 23°C

Test Humidity: 10%R.H.

Operator: Brennan Pimpinella

Equipment: PRS-801B Resistance System

Equipment Verification

Upper Resistance	Electrification period in seconds	Test Voltage
1.38E+14	20	100

CGC151M cable with connection point

Sample 1	Sample 2	Sample 3
1.89E+00	1.90E+00	1.89E+00

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02/06/2026

EOS/ESD Association Services, LLC
218 W. Court Street
Rome, NY 13440

Submitted to Client by:



Lisa Pimpinella
Executive Director



EOS/ESD Association Services, LLC

Product Test Report

Bertech ESD Fabric Wrist Straps

Model: AFWSB121M

Testing per:

ANSI/ESD S1.1-2021

Technician- Brennan Pimpinella

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Bertech Fabric Wristbands, were tested per resistance levels and methods per ANSI/ESD S1.1-2021.

Test Date: 2/06/26

Test Facility: EOS/ESD Association Services LLC

Conditioning Temperature: 23°C

Conditioning Humidity: 12% R.H.

Conditioning Time: 48 hours

Test Temperature: 23°C

Test Humidity: 10%R.H.

Operator: Brennan Pimpinella

Equipment: PRS-801B Resistance System

Equipment Verification

Upper Resistance	Electrification period in seconds	Test Voltage
1.38E+14	20	100

Fabric 1

Inside Band	Outer Band	Wrist strap with cable	System Test
3.68E+02	3.33E+02	1.06E+06	1.80E+06

Fabric 2

Inside Band	Outer Band	Wrist strap with cable	System Test
3.92E+02	1.49E+03	1.06E+06	1.30E+06

Fabric 3

Inside Band	Outer Band	Wrist strap with cable	System Test
1.12E+03	1.25E+03	1.00E+06	1.77E+06

The limit in ANSI/ESD S1.1 – 2021 is as follows:

Electrical	Required Limit	Test Section
Wrist Strap Continuity and Resistance	1.0 x 10 ⁶ ohms ± 20%, or user-defined value	6.1
Wristband Resistance Interior	< 1.0 x 10 ⁵ ohms, or user defined value	6.2
Wristband Resistance Exterior	> 1.0 x 10 ⁷ ohms	6.2
Electrical	Required Limit	Test Section
Wrist Strap System Resistance	< 3.5 x 10 ⁷ ohms, or user-defined value	6.10

The exterior of each wristband was not $> 1.0 \times 10^7$ ohms. Each wrist band is within the limits for the other requirements.

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Rome, NY 13440

Submitted to Client by:

A handwritten signature in black ink, appearing to read "Lisa Pimpinella". The signature is written in a cursive style with a large initial "L".

Lisa Pimpinella
Executive Director



EOS/ESD Association Services, LLC

Product Test Report

Bertech ESD Heel Grounders
Model: M1SHG

Testing per:
ANSI/ESD STM9.1-2022

Technician - Brennan Pimpinella

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Bertech ESD Heel Grounders were tested per ANSI/ESD STM9.1

Test Date: 2/06/26

Test Facility: EOS/ESD Association Services LLC

Conditioning Temperature: 23°C

Conditioning Humidity: 12% R.H.

Conditioning Time: 48 hours

Test Temperature: 23°C

Test Humidity: 10%R.H.

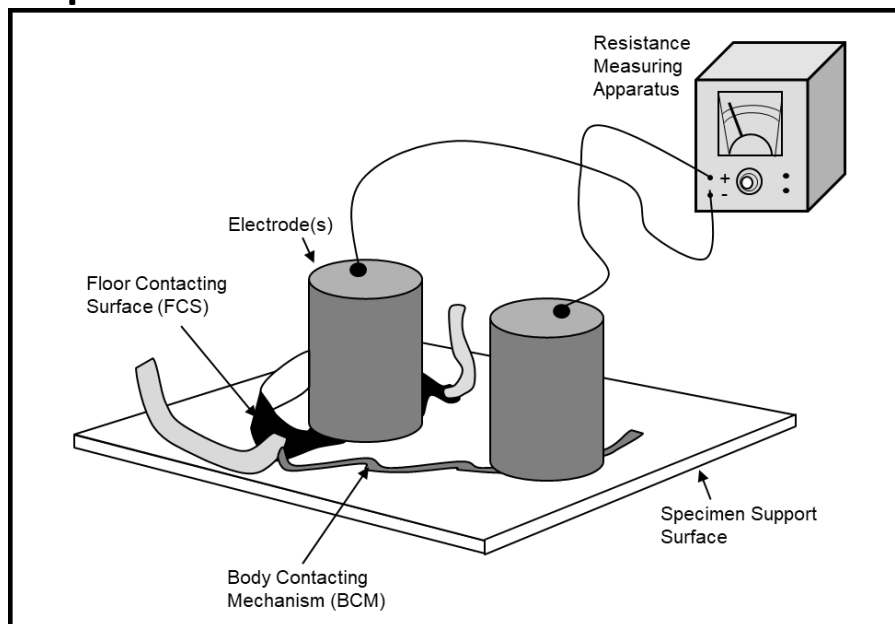
Operator: Brennan Pimpinella

Equipment: PRS-801B Resistance System

Equipment Verification

Upper Resistance	Electrification period in seconds	Test Voltage
1.38E+14	20	100

Schematic of test points



Foot Grounder	
Specimen #	Resistance
1	1.06E+06
2	1.11E+06
3	1.07E+06
4	1.09E+06
5	1.06E+06
6	1.07E+06
Minimum	1.06E+06
Maximum	1.11E+06

The limit in ANSI/ESD S20.20 – 2021 or IEC 61340-5-1 Ed 3 is less than 1×10^9 ohms. According to the Min and Max Resistance of each sample, they comply with ASNI/ESD S20.20-2021

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 Rome, NY 13440

Submitted to Client by:



Lisa Pimpinella
 Executive Director



EOS/ESD Association Services, LLC

Product Test Report

Bertech ESD Metal Wrist Straps
Model: AMWS121M

Testing per:
ANSI/ESD S1.1-2021

Technician- Brennan Pimpinella

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Bertech Metal wrist bands were tested per resistance levels and methods per ANSI/ESD S1.1-2021.

Test Date: 2/06/26

Test Facility: EOS/ESD Association Services LLC

Conditioning Temperature: 23°C

Conditioning Humidity: 12% R.H.

Conditioning Time: 48 hours

Test Temperature: 23°C

Test Humidity: 10%R.H.

Operator: Brennan Pimpinella

Equipment: PRS-801B Resistance System

Equipment Verification

Upper Resistance	Electrification period in seconds	Test Voltage
1.38E+14	20	100

Metal 1

Inside Band	Outer Band	Wrist strap with cable	System Test
6.94E+03	4.72E+12	1.05E+06	1.45E+06

Metal 2

Inside Band	Outer Band	Wrist strap with cable	System Test
4.75E+03	3.39E+03	1.06E+06	1.32E+06

Metal 3

Inside Band	Outer Band	Wrist strap with cable	System Test
7.45E+03	2.51E+05	1.00E+06	1.75E+06

The limit in ANSI/ESD S1.1 – 2021 is as follows:

Electrical	Required Limit	Test Section
Wrist Strap Continuity and Resistance	1.0 x 10 ⁶ ohms ± 20%, or user-defined value	6.1
Wristband Resistance Interior	< 1.0 x 10 ⁵ ohms, or user defined value	6.2
Wristband Resistance Exterior	> 1.0 x 10 ⁷ ohms	6.2
Electrical	Required Limit	Test Section
Wrist Strap System Resistance	< 3.5 x 10 ⁷ ohms, or user-defined value	6.10

The exterior of each wristband was not $> 1.0 \times 10^7$ ohms. Each wrist band is within the limits for the other requirements.

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Lisa Pimpinella
Executive Director



EOS/ESD Association Services, LLC

Product Test Report

Bertech ESD Ground Cords
Model: FGC151M

Technician - Brennan Pimpinella

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Bertech FGC151M cable, was tested end to end of the cable. There is no standardized method for this testing. Testing was performed on the cable from one end to the other end.

Test Date: 2/06/26

Test Facility: EOS/ESD Association Services LLC

Conditioning Temperature: 23°C

Conditioning Humidity: 12% R.H.

Conditioning Time: 48 hours

Test Temperature: 23°C

Test Humidity: 10%R.H.

Operator: Brennan Pimpinella

Equipment: PRS-801B Resistance System

Equipment Verification

Upper Resistance	Electrification period in seconds	Test Voltage
1.38E+14	20	100

Cable FGC151M

Sample 1	Sample 2	Sample 3
9.87E+05	9.92E+05	9.87E+05

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Executive Director



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Product Test Report

Bertech ESD Ground Block
Model: ESDGB

Technician - Brennan Pimpinella

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Bertech ESDGB wrist strap connection points were tested. There is no standardized method for this testing. Testing was performed end to end of the connection point.

Test Date: 2/06/26 Test Facility: EOS/ESD Association Services LLC
Conditioning Temperature: 23°C Conditioning Humidity: 12% R.H.
Conditioning Time: 48 hours
Test Temperature: 23°C Test Humidity: 10%R.H.
Operator: Brennan Pimpinella Equipment: PRS-801B Resistance System

Equipment Verification

Upper Resistance	Electrification period in seconds	Test Voltage
1.38E+14	20	100

Wrist strap connector ESDGB

Sample 1	Sample 2	Sample 3
2.02E-01	1.97E-01	1.89E-01

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Executive Director



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Product Test Report

Bertech ESD Snap Sockets

Model: SNAPSOCKET

Technician - Brennan Pimpinella

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Bertech grounding snap sockets were tested. There is no standardized method for this testing. Testing was performed on side of the snap to the opposite side.

Test Date: 2/06/26 Test Facility: EOS/ESD Association Services LLC
Conditioning Temperature: 23°C Conditioning Humidity: 12% R.H.
Conditioning Time: 48 hours
Test Temperature: 23°C Test Humidity: 10%R.H.
Operator: Brennan Pimpinella Equipment: PRS-801B Resistance System

Equipment Verification

Upper Resistance	Electrification period in seconds	Test Voltage
1.38E+14	20	100

Connection snaps

Sample 1	Sample 2	Sample 3
0.00E+00	0.00E+00	0.00E+00

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