JBL Series, ESD Seating Resistance Measurement Report

Test:
Seating – Resistance Measurement.

Basis:

Verify all components of an ESD chair demonstrate a low resistance path to ground.

Description:

A resistance reading is taken from 5 different points within the seat cushion and then again five different points from the back cushion. The average of all the points is provided as a single reading. All points must provide a resistance reading less than 1e9 and the average must be less than 1e7 to pass.

Pass (Check!)

The report:

A resistance reading is taken from 5 different points within the seat cushion and then again five different points from the back cushion. The average of all the points is provided as a single reading. All points must provide a resistance reading less than 1e9 and the average must be less than 1e7 to pass.

1 - **ESD fabric, a Black Nylon Base** and a **Drag Chain**.
seat: 1.4 e5 , back : 2.5 e5

2 - **ESD *Vinyl, a Black Nylon Base** and a **Drag Chain**.
seat: 4.0e6 , back :4.3e6

3 - **ESD Fabric, an Aluminum Base** and **ESD Casters.**
seat: 1.9e5 , back : 3.2e5

4 - **ESD *Vinyl, an Aluminum Base** and **ESD Casters**
seat: 4.6e6 , back : 4.5e6

*Current tests of Vinyl ESD seating produced exceptionally low resistance.