

# EXOCHOS STATIC TECHNOLOGIES

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GST No. - 27CWOPB3150N1Z9

## Antistatic Wrist Strap

### Directions of Use:

- 1.Wear Anti-static wrist strap on any of wrist and ensure contact to the body
- 2.Check Wrist strap with Wrist strap tester before entering Electrostatic Protected Area's (EPA)
- 3.Ensure Wrist Strap is connected to the ground

### Technical Specifications:

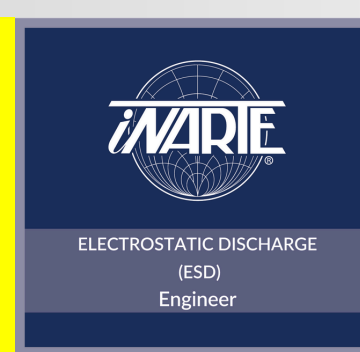
- 1.Wrist Band: Elastic adjustable and with conductive filament (100% Washable)
- 2.Coiled Cord: Total Length - 1.8m /Outer Diameter: 2.15 +/-0.1 mm
- 3.Resistance: 1 Meg-Ohm/0.25 watt
- 4.Female Snap: 10mm / 4mm
5. Standard Test Method - ANSI/ESD S1.1 as per ANSI ESD S20.20 & TR-53
6. Material of Construction: PolyUrethane

### Testing Parameters

#### 1. Conductivity & Rotation Test:

Connect the both ends of the cable to the multi-meter. Reading shown as below:

Test No.	Readings (Meg-Ohm)	Rotation
1	0.968	Pass
2	1.002	Pass
3	0.972	Pass
4	1.003	Pass
5	0.97	Pass



## 2. Stretch Test:

- Speed 30 times per minute
- 10 000 times stretching
- Stretch length: 5 times longer than test piece

Test No.	Closed Coil Length	
	Before (mm)	After(mm)
1	140	145
2	142	145
3	140	143
4	143	147

### Test Certificate - Exochos Static Technologies

The results below, show the required operating parameters with respect to ANSI ESDS 20:20 and the results at which our products operate (Globally Certified).

The products have passed the Quality Control successfully with STM ANS/ESD S1.1.

Attaching below test results of Antistatic Wrist Strap:

#### a.Strap Resistivity:

Required Range (Ohms/sq.mm)	Observed Product Range (Ohms/sq.mm)
$10^2$ to $10^5$	$10^2$ to $10^3$

#### b.Resistance in Wrist Strap:

Wrist Strap	Wrist Strap System	Observed Product Range (Meg-Ohm)
0.8 to 1.2 Meg-ohm	35 Meg Ohm	0.992 to 1.005

Note: The values are in acceptable limits and can be used in Electrostatic Protected Areas (EPA's)

