



STATCLEAN TECHNOLOGY (S) PTE. LTD.

30 Kaki Bukit Road 3, # 03-12/13/14, Empire Technocentre, Singapore 417819.

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Email: sales@statclean.com Website: www.statclean.com

ESD Dissipative Laminating Sheet (STCS-LAMINATE/A4)

Material: Polyethylene Terephthalate

Colour: Transparent

ESD TEST

1) BEFORE LAMINATE

a) FRONT

- Surface Resistance: 2×10^7
- Decay Time: Average 0.2 sec (1000v to 10v)
- Tribocharges: 3 to 4 (volts)

b) BACK (GLUE SIDE)

- Surface Resistance: 2×10^{11}

2) AFTER LAMINATE

- Surface Resistance: 2×10^7
- Decay Time: average 0.2sec (1000v to 10v)
- Tribocharges: 2 to 4 (volts)

3) USAGE TEST

Use for 10 days after laminate, clean and write once on each day (ie. Clean and write for 10 times)

- Surface Resistance: 5×10^8
- Decay Time: average 0.2sec (1000v to 10v)
- Turbochargers: 2 to 4 (volts)



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OUTGASSING

IONIC CONTAMINATION

Fluoride	Less than 0.002 ug/cm ²
Nitrite	Less than 0.003 ug/cm ²
Nitrate	Less than 0.003 ug/cm ²
Bromide	Less than 0.002 ug/cm ²
Sulphate	Less than 0.002 ug/cm ²
Phosphate	Less than 0.002 ug/cm ²
Chloride	Less than 0.002 ug/cm ²

FTIR

Silicone	Not Detected
Amide	Not Detected

LIQUID PARTICLE COUNT

Liquid Particle Count	Less than 50 particles/cm ²
Styrene	Not Detected
Hydrocarbons & Unknowns	Less than 800 ng/cm ²