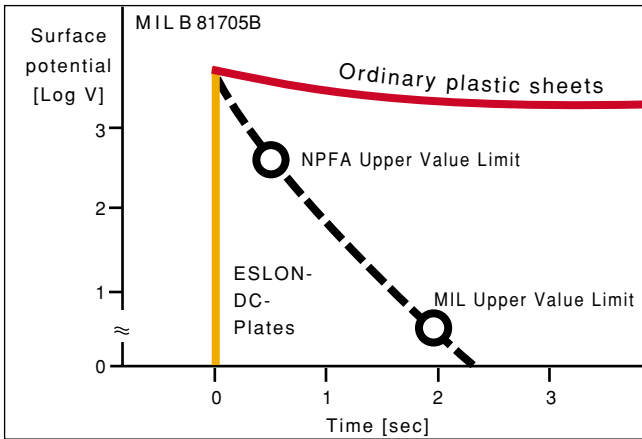


ESLON-DC-Plates

Characteristics

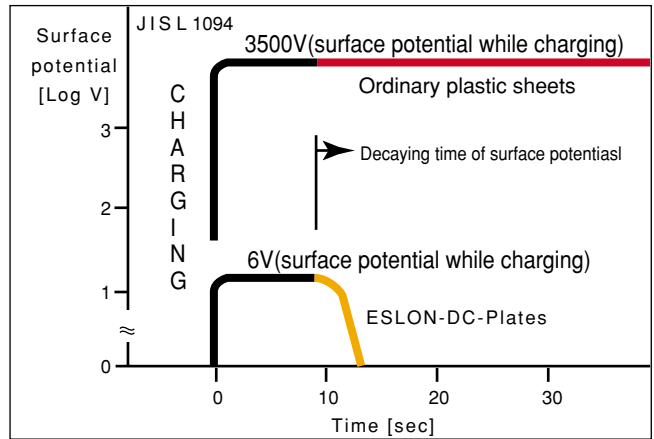
Antistatic Performance (Demonstration of the static dissipative effect of ESLON-DC-Plates)



Test conditions according to MIL B81705B:

The test samples are kept for a duration of 24 hours at 23°C room temperature and 15% rel. humidity.

On the surface of the sample a 5000 V force-charged using a static decay meter (not earthed) is applied. After being earthed the decaying time down to 0 V is measured.



Test conditions according to JIS L 1094:

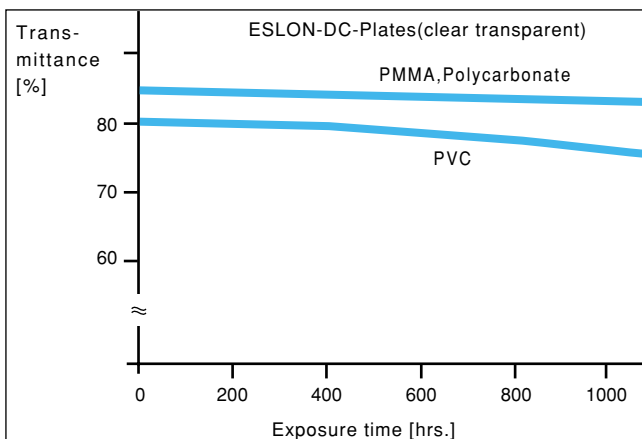
The test is done at 20°C room temperature and 65% rel. humidity.

Using a static-honest meter (being earthed) and giving 10 KV corona discharge application for 10 seconds. Afterwards the surface potential and the decaying time is recorded.

UV-Rays Resistance

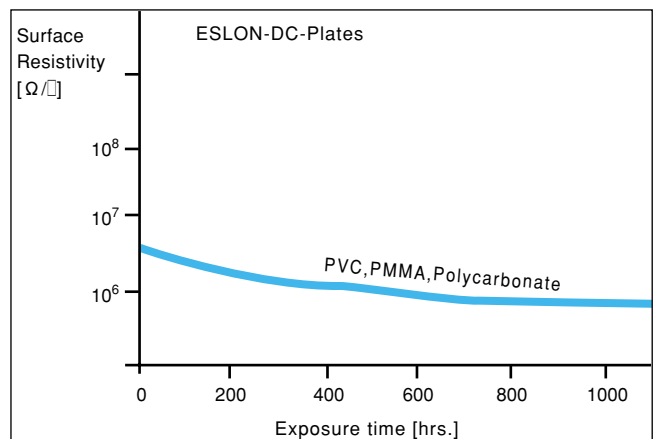
The ultra-violet rays energy discharged from a Fade-O-meter with 1000 hours of radiation is equivalent to the energy of a general fluorescent lamp (40 W) radiation from 50mm distance for approximately four years (Test machine: Fade-O-meter [JIS K 5400] ; Lamp : Toshiba H400F [11,2J/ c m²h])

Transmittance



Result : The high transparency of ESLON-DC-Plates is proved to be nearly constant over a long-term period.

Surface Resistivity



Result : The surface resistivity and the static dissipative performance are not negatively influenced by UV-rays.