Protect your sensitive items with this ultra-clean, particle free, permanently static dissipative cleanroom ESD matting.
The IDP-STAT 5500 series utilizes a patented inherently static dissipative polymer alloy system to provide clean, permanent ESD protection. The IDP-STAT 5500 series provides consistent static dissipation that is not dependent on humidity and will last the life of the mat.

The 5500 series ESD control mats are ultra-clean:
- Non-outgassing, non-blooming
- Contains no particulates, plasticizers or phthalates
- Permanently anti-static

With minimal cleaning requirements, the IDP-STAT material is ideal for cleanroom settings. Engineered with superior durability and see-through clarity, the IDP-STAT 5500 is an ideal material for softwall panels to separate working areas in controlled environments such as cleanrooms and data centers.

The IDP-STAT 5500 series meets or exceed the requirements of ESD STM-4.1, ESD STM-4.2 and ANSI/ESD S-20.20

Applications:
Ideal for use in controlled environments such as cleanrooms. Creates an ultra-clean ESD safe work area by grounding for electrical charges as well as protecting the work surface from damage.

Specifications:
- Thickness: 1MM (0.040 MIL)
- Hardness: 60 Shore A
- Temperature: 190F (87C)
- Color: Transparent
- Material: TPU Alloy
- Resistance to Ground (RTG): 3 x 10⁸ ohms
- Resistance to Point to Point (RTT): 5 x 10⁹ ohms
- Tensile Strength: 3800 (26) PSI (MPa)
- Shore Hardness: 90A/47D
- Flame Test UL 94V0: PASS
- Class 1-Flame Spread: 10
- Class 1-Smoke Density: 195
- Operating Temp: 32F / 0C
- Brittle Temp: 0F / -17C
- Specific Gravity: 1.16
- UV Stability in Sunlight: Good

Part Numbers:
- Full Rolls
  - MT554X150, Roll, 4' x 150', IDP-STAT CR Mat
  - MT552448, Mat, 2x4, IDP-STAT CR Mat
  - MT553648, Mat, 3x6, IDP-STAT CR Mat
  - MT554860, Mat, 4x5, IDP-STAT CR Mat
  - MT554872, Mat, 4x6, IDP-STAT CR Mat

For Custom Sizes Call Contact
Transforming Technologies at 419-841-9552 or info@transforming-technologies.com

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