Tru-ESD™

Polycarbonate and Acrylic Sheet

Next Generation ESD Sheets

Tru-ESD™ Offers Tru Innovation

Welcome to the forefront of electrostatic discharge (ESD) safety, where Tru-ESD stands as a groundbreaking solution engineered to address critical challenges in electrostatic charge generation, particulate attraction, and ESD events. The base products, high-quality TUFFAK® Polycarbonate, and OPTIX® Acrylic sheets form a robust foundation for Tru-ESD's innovative manufacturing platform.

What sets Tru-ESD apart is its cutting-edge coating technology—a proprietary, patented coating meticulously applied through vacuum deposition. Engineered to be static dissipative and inherently low-charging (antistatic), Tru-ESD creates a controlled and safe environment, minimizing the risk of ESD damage, especially in clean room environments. This atomically bonded, static dissipative coating ensures exceptional visual characteristics, durability, and uniformity, providing permanent ESD protection and effective control of particulate attraction.

Notably, Tru-ESD is designed for easy maintenance, as it can be cleaned with isopropyl alcohol (IPA) without degrading its static dissipative properties, ensuring sustained performance over time.
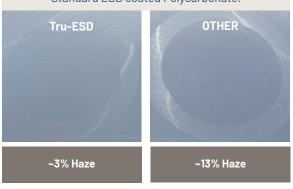
UNPARALLELED PRODUCTS

SURFACE RESISTANCE: 10^5 to 10^7 Ohms

SURFACE RESISTIVITY: 10^6 to 10^8 Ohms/square

AMAZING CLARITY

Tru-ESD	OTHER
85% Light Transmittance (6mm PC)	75% Light Transmittance (6mm PC)

TABER TEST/ABRASION RESISTANCE
Taber Test results
Standard ESD coated Polycarbonate.

Tru-ESD	OTHER
~3% Haze	~13% Haze

Tru-ESD Polycarbonate Sheet
MADE WITH **TUFFAK** *PC*

Tru-ESD Acrylic Sheet - Cell Cast
MADE WITH **OPTIX®** *AC*

Tru-ESD Polycarbonate (Formable) Sheet
MADE WITH **TUFFAK** *PC*

Tru-ESD Product Guide

Suitable applications include semi-conductor and clean room builds. Applicable for windows, machine guards, doors, access panels, room partitions, and process equipment enclosures.

Tᴙᴜ-ESD™
Polycarbonate and Acrylic Sheet

Products are available in clear 3mm (⅛"), 4.5mm (³⁄₁₆"), 6mm (¼"), 9mm (⅜"), 12mm (½").* Standard sheet size is 48" x 96".			
DESCRIPTION	**THICKNESS**	**SIZE**	**STANDARD QTY. / PALLET****
TRU-ESD PC			
Tru-ESD Polycarbonate	3mm/.118	48" x 96"	40
Tru-ESD Polycarbonate	4.5mm/.177	48" x 96"	28
Tru-ESD Polycarbonate	6.0mm/.236	48" x 96"	42
Tru-ESD Polycarbonate	9.0mm/.375	48" x 96"	13
Tru-ESD Polycarbonate	12mm/.50	48" x 96"	10
TRU-ESD - Cell Cast Acrylic			
Tru-ESD - Cell Cast Acrylic	3mm/.118	48" x 96"	40
Tru-ESD - Cell Cast Acrylic	4.5mm/.177	48" x 96"	28
Tru-ESD - Cell Cast Acrylic	6.0mm/.236	48" x 96"	42
Tru-ESD - Cell Cast Acrylic	9.0mm/.375	48" x 96"	13
Tru-ESD - Cell Cast Acrylic	12mm/.50	48" x 96"	10
TRU-ESD Polycarbonate (Formable)			
Tru-ESD Polycarbonate (Formable)	3mm/.118	48" x 96"	40
Tru-ESD Polycarbonate (Formable)	4.5mm/.177	48" x 96"	28
Tru-ESD Polycarbonate (Formable)	6.0mm/.236	48" x 96"	42
Tru-ESD Polycarbonate (Formable)	9.0mm/.375	48" x 96"	13
Tru-ESD Polycarbonate (Formable)	12mm/.50	48" x 96"	10

* Sheets are masked with a durable, adhesive film.

** Break pallet fees assessed for less than pallet quantities.