

D-FUSE PU

D-Fuse PU is a multi-layer engineered polyester designed for environments where static control and durable surface protection are important. A conductive anti-static treatment helps dissipate static charge, while the acrylic resin layer supports adhesion and printability and the flexible PU coating adds water and chemical resistance.

KEY FEATURES



Anti-Static Performance

Conductive treatment helps control and dissipate static charge in electrostatic discharge (ESD) sensitive environments.



Water & Chemical Resistant

PU coating provides a flexible protective barrier against moisture and chemical exposure.



Durable Construction

Polyester base supports reliable performance in repeated-use applications.



Enhanced Adhesion

Acrylic resin layer supports surface adhesion and printability.

APPLICATIONS



Safety

Protective surfaces and components used around static-sensitive electronics.



Industrial

Covers, barriers and fabricated components requiring durability and surface protection.



Healthcare

Anti-static protection for environments with sensitive electronic and medical equipment.



Tactical

Protective equipment and components requiring durable, anti-static performance.

SPECIFICATIONS

Composition

100% Polyester
with PU Coating

Weight

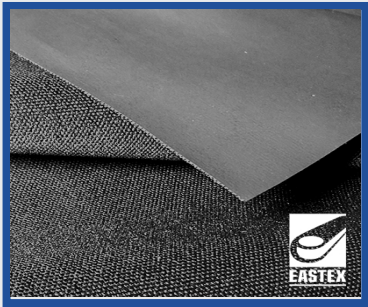
200 gsm

Width

59 in.

Color

Black / 21331



PERFORMANCE PROPERTIES

Property	Method	Unit/Standard	Result
Tensile Strength	ISO 13934-2013	N/5 cm	Warp: 500 Weft: 180
Tearing Strength	ISO 4674-A1	N	Warp: 50 Weft: 45
Elongation	ISO 13934-2013	%	Warp: 70 Weft: 200
Adhesion	DIN 55357	N/22 mm	Warp: 11 Weft: 15
Breathability	Inverted Cup	g/m²/24 hr	>500