

CIRCUITEX TAPE AND ATTACHMENT PRODUCT PORTFOLIO BY NOBLE BIOMATERIALS

ADVANCED MATERIAL FOR MULTISPECTRAL ENERGY MANAGEMENT



Circuitex technology is a portfolio of highly conductive, lightweight materials engineered for multispectral energy management. Circuitex can move electrical energy and data through soft surface materials without the assistance of wires. Circuitex products are also designed to shield the full spectrum of electromagnetic energy waves for mission critical protection and security.

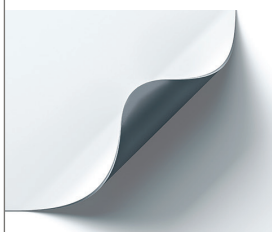


VELCRO®

Circuitex hook and loop provides superior conductive properties to a variety of fastener options. This product line serves as a conductive attachment option when electrical continuity is paramount in many applications such as EMC and smart textiles.

STANDARD CONDUCTIVE TAPE

Circuitex conductive tape is an electrically conductive component product specifically designed to provide a strong and flexible solution with an easy-to-use application. The peel and stick adhesive provides quick installation and flexibility in design properties. End uses include multispectral shielding and conductive applications. Multiple widths and lengths are available for the entire line of conductive tapes.



CONDUCTIVE ADHESIVE

Circuitex conductive tape is also available with conductive adhesive with peel and stick functionality. The conductive adhesive provides additional functionality when Z-axis conductivity is required. End uses include multispectral shielding and conductive applications.



FLAME-RESISTANT (FR) ADHESIVE

Circuitex conductive tape is also available with flame-resistant adhesive properties. Flame-resistant adhesive provides additional functionality when FR is required in building codes. Testing has been performed to ASTM E84 which is comparable to UL 723. End uses include multispectral shielding and conductive applications.

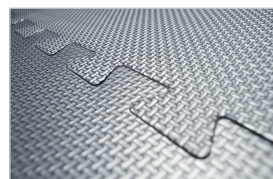
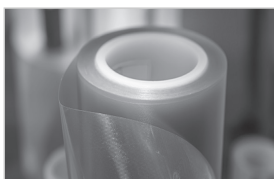


TAPE AND ATTACHMENT APPLICATION



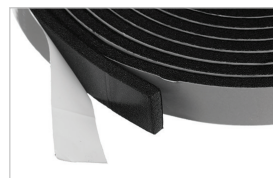
ANTI-STATIC / ESD

Curtains, Barriers, Wall Sections, Wallpaper, Floor Mats



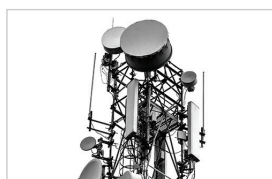
EMI / RFI

Curtains, Gaskets, Filters, Cables, Tapes, Foam, Board Shields, Microwave Absorbers



MULTI-SPECTRAL

High-Altitude Electronics/Aviation, Drones, Antenna Systems, 5G Communications, Data Protection Carriers, Server Rooms



SMART / E-TEXTILES

Pressure-Sensing • Biometric • Conductive • Energy-Harnessing:
Apparel/Footwear/Products/Devices/Fabric

