ULTIMATE IN CONDUCTIVE DESIGN FLEXIBILITY

Since CIRCUITEX™ can be blended into fabrics at variable levels, we can offer the ultimate in conductive or dissipative design flexibility. This flexibility allows customers the pliability, tenacity, elongation and strength requirements needed to meet their design specifications.
CIRCUITEX™ TECHNOLOGY DELIVERY SYSTEMS

FABRIC
CIRCUITEX™ Fabrics are available in a range of conductive and construction options. Our state of the art equipment and quality program provides the most uniform coating in the industry. Each fiber is encapsulated with a layer of pure silver for consistent and optically superior final fabric. We can customize to customer specifications.

WOVEN
NON-WOVEN
WARP KNIT
CIRCULAR KNIT
STRETCH & NON-STRETCH

FILAMENT
CIRCUITEX™ Filament yarns are continuous filaments. They can be monofilament or multifilament. We offer a wide range of deniers to meet our customer’s needs (pre-metallized deniers). We can customize to customer specifications.

<table>
<thead>
<tr>
<th>Denier per filament</th>
<th>Length (inches)</th>
<th>Length (millimeters)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>1.5</td>
<td>38</td>
</tr>
<tr>
<td>30</td>
<td>1.5</td>
<td>50</td>
</tr>
<tr>
<td>40</td>
<td>1.5</td>
<td>50</td>
</tr>
<tr>
<td>70</td>
<td>0.5</td>
<td>13</td>
</tr>
<tr>
<td>100</td>
<td>0.5</td>
<td>13</td>
</tr>
</tbody>
</table>

STAPLE & CHOPPED FIBER
CIRCUITEX™ Staple can be blended with natural and man-made fibers such as cotton, wool, polyester, acrylic etc. Spun yarn can be engineered to provide optimum benefit based on the application which includes anti-static, EMI & RFI Shielding. Noble can customize and combine CIRCUITEX™ with natural and man-made fibers to meet customer specifications.

DATA TRANSMISSION
Conductive Gloves, Smart Wearables, Smart Fabrics

DATA PROTECTION
EMI/RF Shielding Cables, Fabrics, Gaskets

STATIC CONTROL
Static-Control Garments, FIBC Bags, Anti-Static Flooring

APPLICATIONS

SHIELDING

NOBLE BIOMATERIALS, INC     300 PALM STREET     SCRANTON, PA 18510     TEL: +1 (570)-955-1800     FAX: +1 (570)-955-1801     NOBLECIRCUITEX.COM