Antistatic Polyurethane Belt

Mectrol now offers antistatic belts in any pitch. The development of a new conductive resin prevents build up of static electricity on Mectrol belt surfaces.

Antistatic Rating
\[ \leq 10^6 \text{ resistance in ohms} \]

Antistatic Properties
- Protect Sensitive Electronics From Static Charge
- Reduce Possible Ignition Source When Conveying Explosives
- Eliminate Dust Build Up On Belt Surfaces
- Promote Clean Operating Environments

Typical Applications
- Conveyance of PC Boards or Other Electronic Assemblies
- Semiconductor Processing
- Conveying Munitions or Explosive Detonators
- Paper Conveying
- Power Transmission Applications in Textile Industries
- Chemical Environment Power Transmission or Conveying
- Clean Room Conveyors and Power Transmissions
Polyurethane Properties

- Durometer: 85 Shore A
- Color: Black
- Conductive, Electrical Resistance: $10^6 \Omega$

Antistatic Additive Does Not Degrade the Base Polyurethane Properties

Nylon Options

- Standard Nylon
- Antistatic Nylon

<table>
<thead>
<tr>
<th>Coefficient of Friction</th>
<th></th>
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<tbody>
<tr>
<td>Urethane vs. Steel (dry)</td>
<td>0.5 - 0.7</td>
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<tr>
<td>Urethane vs. UHMW (dry)</td>
<td>0.2 - 0.4</td>
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<tr>
<td>Nylon vs. UHMW (dry)</td>
<td>0.1 - 0.3</td>
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