VLT-SD™ Series
Heavy Duty Food Grade Static Dissipative Polyurethane Fabric Reinforced Material Handling Hose

General Applications:
- Bulk truck and railcar unloading
- Food grade material handling – heavy duty abrasive
- Material handling – heavy duty abrasive
- Milling machine scrap recovery
- Plastic processing equipment
- Pneumatic conveying equipment
- Suction and discharge

Construction: Static dissipative polyurethane tube, polyester fabric reinforcement, rigid helix and grounding wire (patent pending).

Service Temperature Range: -40°F (-40°C) to +150°F (+65°C)

Features and Advantages:
- Superior Static Protection! – A properly grounded Voltbuster™ hose will not retain an electrostatic charge sufficient to create a propagating brush discharge. Hose material, using the embedded grounding wire, shows a charge decay time constant of < 1 second, based on independent lab testing.
- Food Grade Materials – Hose tube complies with FDA requirements. Grounding wire embedded in external helix to prevent material contamination.
- Extra Thick Abrasion Resistant Double-Ply Polyurethane Tube – Provides for longer hose life and lower operating costs versus rubber or PVC hoses.
- Fabric Reinforcement – Designed with high tensile strength, food grade FDA, polyester yarn jacket to handle both suction, and higher pressure discharge applications.
- Transparent Construction – “See-the-flow”. Allows for visual conformation of material flow.
- “Cold-Flex” Materials – Hose remains flexible in sub-zero temperatures.
- Easy Slide Helix – Rigid helix design protects hose from wear; allows hose to slide easily over rough surfaces. Easy to handle.

Nominal Specifications

<table>
<thead>
<tr>
<th>Series Number</th>
<th>ID (in)</th>
<th>OD (mm)</th>
<th>Working Pressure (psi)</th>
<th>Vacuum Rating Hg (in)</th>
<th>Min. Bending Radius at 68°F (in)</th>
<th>Standard Length (ft)</th>
<th>Weight (lbs/ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VLT-SD200</td>
<td>2</td>
<td>51.1</td>
<td>67.0</td>
<td>Full 28</td>
<td>9</td>
<td>100/50</td>
<td>0.77</td>
</tr>
<tr>
<td>VLT-SD300</td>
<td>3</td>
<td>77.0</td>
<td>96.0</td>
<td>Full 28</td>
<td>12</td>
<td>100/20</td>
<td>1.22</td>
</tr>
<tr>
<td>VLT-SD400</td>
<td>4</td>
<td>102.2</td>
<td>123.0</td>
<td>Full 28</td>
<td>13</td>
<td>100/60/20</td>
<td>1.85</td>
</tr>
<tr>
<td>VLT-SD500</td>
<td>5</td>
<td>128.0</td>
<td>152.0</td>
<td>28 25</td>
<td>14</td>
<td>60/20</td>
<td>2.43</td>
</tr>
<tr>
<td>VLT-SD600</td>
<td>6</td>
<td>153.4</td>
<td>177.4</td>
<td>28 25</td>
<td>17</td>
<td>60/20</td>
<td>3.05</td>
</tr>
<tr>
<td>VLT-SD800</td>
<td>8</td>
<td>206.0</td>
<td>235.0</td>
<td>26 20</td>
<td>23</td>
<td>20</td>
<td>4.70</td>
</tr>
</tbody>
</table>

NOTE: Service life may vary depending on operating conditions and type of material being conveyed.

NOTE: For details of the following compliances, refer to footnotes listed on page 63.

*Actual service temperature range is application dependent.

CAUTION: This product is designed to dissipate static electricity when the embedded grounding wire is physically extracted and securely connected to ground, through the fitting or by other means.

BSE/TSE\(^{(02)}\), FDA\(^{(05)}\), FDA\(^{(06)}\), Phthalate Free\(^{(10)}\), RoHS\(^{(11)}\)

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

KTFCAO519

Kuriyama of America, Inc. www.kuriyama.com