Superior installation methods!

- Less space
- Less labor
- Less material
- Professional appearance
- Convenient joint installation

Optimized grease duct enclosure system

- Butt joints, all seams, both layers staggered seam across duct no 3” overlaps
- Contractor friendly transverse butt joint location
- Maximum 3” thickness along all surfaces of the duct
- UL listed for rectangular and round ducts
- UL listed, liquid tight, single layer FastDoor XL for duct access

FastDoor XL for safe and easy duct access

Thermal Ceramics installation method

Competitor installation method

Joints must be installed at opposing corners

world leading products - engineered solutions
## Thermal Ceramics’ FastWrap™ XL versus the nearest competitors

<table>
<thead>
<tr>
<th></th>
<th>Thermal Ceramics</th>
<th>Competitor 1</th>
<th>Competitor 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Space requirement</strong></td>
<td>3” per side</td>
<td>3” per side</td>
<td>6” per side</td>
</tr>
<tr>
<td><strong>Blanket length (rolled out)</strong></td>
<td>Unrolls to 25 feet minimum</td>
<td>Unrolls to 23 to 25 feet</td>
<td>Unrolls to 23 to 25 feet</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>0.75 lbs./sq.ft.</td>
<td>0.75 lbs./sq.ft.</td>
<td>0.90 lbs./sq.ft.</td>
</tr>
<tr>
<td><strong>R-Value</strong></td>
<td>4.8 per inch</td>
<td>4.8 per inch</td>
<td>4.2 per inch</td>
</tr>
<tr>
<td><strong>Layer 1 Joint type</strong></td>
<td>Compression at all joints</td>
<td>Compression at all joints</td>
<td>Compression at all joints</td>
</tr>
<tr>
<td><strong>Location of Layer 1</strong></td>
<td>Anywhere; Contractor’s choice</td>
<td>Longitudinal joint must be located at a top corner</td>
<td>Anywhere; Contractor’s choice</td>
</tr>
<tr>
<td><strong>Longitudinal Joint</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Layer 2 Joint type</strong></td>
<td>Compression at all joints</td>
<td>Compression at all joints</td>
<td>3” overlap at all joints</td>
</tr>
<tr>
<td><strong>Location of Layer 2</strong></td>
<td>Offset longitudinal seams minimum 6”</td>
<td>Longitudinal joint must be located at a different top corner</td>
<td>Offset outer layer longitudinal joints a minimum 10.5”</td>
</tr>
<tr>
<td><strong>Longitudinal Joint</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>System Installation</strong></td>
<td><img src="#" alt="Diagram" /></td>
<td><img src="#" alt="Diagram" /></td>
<td><img src="#" alt="Diagram" /></td>
</tr>
</tbody>
</table>

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