CLEAN ROOM™
Aluminum
15/16" and 1-1/2" Exposed Tee System

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Face Profile</th>
<th>Description</th>
<th>Rout Spacing</th>
<th>Dimensions (Inches)</th>
<th>Hanger Spacing* Lbs./Lin. Ft.</th>
<th>Fire Guard™</th>
<th>Seismic Category</th>
<th>Pcs./Ctn.</th>
<th>Lin. Ft./Ctn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EA7900C</td>
<td>15/16&quot;</td>
<td>12' ID Main Beam 12&quot; O.C.</td>
<td>144 x 15/16 x 2&quot;</td>
<td>2 Ft.</td>
<td>12.25</td>
<td>–</td>
<td>–</td>
<td>20</td>
<td>240</td>
</tr>
<tr>
<td>EA7940C</td>
<td>15/16&quot;</td>
<td>4' Cross Tee 24&quot; O.C.</td>
<td>48 x 15/16 x 2&quot;</td>
<td>4 Ft.</td>
<td>15.32</td>
<td>–</td>
<td>–</td>
<td>60</td>
<td>240</td>
</tr>
<tr>
<td>EA7920C</td>
<td>15/16&quot;</td>
<td>2' Cross Tee</td>
<td>24 x 15/16 x 2&quot;</td>
<td>5 Ft.</td>
<td>66.62</td>
<td>–</td>
<td>–</td>
<td>60</td>
<td>120</td>
</tr>
<tr>
<td>EA7812C</td>
<td>15/16&quot; Other Sizes</td>
<td>Cross tees L: 24&quot; - 144&quot;</td>
<td>Rout spacing 6&quot; from ends, 12&quot; thereafter</td>
<td>Varies</td>
<td>Varies</td>
<td>–</td>
<td>–</td>
<td>60</td>
<td>120</td>
</tr>
<tr>
<td>EA7903C</td>
<td>1-1/2&quot;</td>
<td>12' HD Main Beam 12&quot; O.C.</td>
<td>144 x 1-1/2 x 2&quot;</td>
<td>2 Ft.</td>
<td>16.7</td>
<td>–</td>
<td>–</td>
<td>30</td>
<td>360</td>
</tr>
<tr>
<td>EA7947C</td>
<td>1-1/2&quot;</td>
<td>4’ Cross Tee 24&quot; O.C.</td>
<td>48 x 1-1/2 x 2&quot;</td>
<td>4 Ft.</td>
<td>17.66</td>
<td>–</td>
<td>–</td>
<td>30</td>
<td>360</td>
</tr>
<tr>
<td>EA7927C</td>
<td>1-1/2&quot;</td>
<td>2' Cross Tee</td>
<td>24 x 1-1/2 x 2&quot;</td>
<td>5 Ft.</td>
<td>60.55</td>
<td>–</td>
<td>–</td>
<td>30</td>
<td>360</td>
</tr>
<tr>
<td>EA7813C</td>
<td>1-1/2&quot;</td>
<td>12’ Hemmed Angle Molding</td>
<td>144 x 15/16 x 15/16&quot;</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>30</td>
<td>360</td>
</tr>
</tbody>
</table>

* Simple Span

**KEY SELECTION ATTRIBUTES**
- Suitable for use in Class 5 (Class 100 clean rooms as defined by ISO Standard 14644-1 (Federal Standard 209E) when used with Clean Room™ FL, Clean Room VL, Health Zone™ Ultima®, and Health Zone Optima®
- Aluminum construction for maximum corrosion resistance and non-magnetic environments.
- Clear non-ferrous hold down clip to ensure a good seal available (not required for clean room performance)
- Unique, factory-applied gaskets for better seal between panel and suspension system
- 10-year limited warranty; 30-year limited warranty with HumiGuard® Plus products

**TYPICAL APPLICATIONS**
- MRI suites (co-extruded aluminum only)
- Hospitals
- Food processing facilities
- High-tech manufacturing
- Pharmaceutical facilities

**VISUAL SELECTION**

**PERFORMANCE**

**PACKAGING**

**ACCESSORIES**
- BERC2 – 2" Beam End Retaining Clip – Allows you to create a code compliant Seismic D, E, F ceiling installation while eliminating the need to use 2" wall molding or spreader bars.
- ALBERC2 (aluminum) – 200 pcs
- BERCI (Steel) – 200 pcs
- FZBERCI (Steel) – 50 pcs
- ALBERC2 (Aluminum) – 200 pcs
- FZALBERC2 (Aluminum) – 50 pcs
- CHDC – Clear Hold Down Clip – Attaches to top bulb of the suspension system to hold 1/16" to 5/8" lay-in panel in place, helps to prevent ceiling panel fluttering at entryways.
- CHDC – 50 pcs
- FZCHDC – 50 pcs

TechLine 877 276-7876
armstrongceilings.com/suspensionsystems

Armstrong CEILING SOLUTIONS
CLEAN ROOM™ Aluminum
15/16" and 1-1/2" Exposed Tee System

MAXIMUM FIXTURE WEIGHT

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Configuration</th>
<th>Fixture*</th>
<th>Planning Module</th>
<th>Hanger Spacing</th>
<th>Maximum Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>A</td>
<td>B</td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>EA7903</td>
<td>Main Beam to Main Beam</td>
<td>24&quot; x 48&quot;</td>
<td>48&quot; x 48&quot;</td>
<td>48&quot;</td>
<td>100.0 lbs.</td>
</tr>
<tr>
<td></td>
<td>24&quot; x 48&quot;</td>
<td>12&quot; x 48&quot;</td>
<td>48&quot; x 48&quot;</td>
<td>48&quot;</td>
<td>70.0 lbs.</td>
</tr>
<tr>
<td></td>
<td>12&quot; x 48&quot;</td>
<td>48&quot; x 48&quot;</td>
<td>48&quot;</td>
<td>69.0 lbs.</td>
<td></td>
</tr>
</tbody>
</table>

Main beams tested as follows: EA7903 tested at 16.74 lbs./lin. ft. to 1/360 of 4’ span.

Cross Tee to Cross Tee

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Configuration</th>
<th>Fixture*</th>
<th>Planning Module</th>
<th>Hanger Spacing</th>
<th>Maximum Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>24&quot; x 48&quot;</td>
<td>24&quot; x 24&quot;</td>
<td>48&quot; x 48&quot;</td>
<td>48&quot;</td>
<td>100.0 lbs.</td>
</tr>
</tbody>
</table>

48" cross tees tested as follows: EA7947 tested at 16.4 lbs./lin.ft. to 1/360 of 4’ span.

COLOR SELECTION

- White aluminum – Capped face
- Textured PVC – Gasketed

LIGHT FIXTURES

- Lithonia CLRM-150 SRT-2x4F_MF4270
- Guth KLEENSEAL KRT 200
- Morlite CRGHEPA24 Series

DETAIRS

15/16" Aluminum Main Beam and Cross Tee

- Clean Room Angle Molding for use with 15/16" Clean Room Suspension System
- End Detail for 1-1/2"

1-1/2" Aluminum Main Beam and Cross Tee

- Clean Room Angle Molding for use with 1-1/2" Clean Room Suspension System
- End Detail for 1-1/2"

SEISMIC PERFORMANCE

Main Beams

- EA7903, EA7900
- Minimum Lbs. To Pull Out Compression/Tension: 294.6

Cross Tees

- EA7947, EA7927, EA7940, EA7920
- Minimum Lbs. To Pull Out Compression/Tension: 492.4

ICC Reports

For areas under ICC jurisdiction, see ICC evaluation report number 1308 for allowable values and/or conditions of use concerning the suspension system components listed on this page. The report is subject to reexamination, revisions, and possible cancellation.

PHYSICAL DATA

- Material: 1-1/2" Co-Extruded Aluminum with PVC face - Gasketed
- 15/16" Co-Extruded Aluminum with aluminum-capped face – Gasketed

- Surface Finish: Textured PVC for 1-1/2"
- Baked polyester for 15/16"
- White aluminum – Capped face

- End Detail for 1-1/2"
- Main Beam: Staked-on clip
- Cross Tee: Integral hook

End Detail for 15/16"

- Main Beam: Integral
- Cross Tee: Staked-on clip