CLEAN ROOM™
Steel
15/16" Exposed Tee System

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®
- Seismic Rx® Suspension System saves time and money; ICC-ES approach to installations (ESR-1308)
- Unique, integral gasket for better seal between panel and grid
- Integral main beam splice for easy connections and module control
- XL staked-on end detail provides secure locked connection
- Rotary-stitched for additional torsion strength and installation
- 10-year limited warranty; 30-year with HumiGuard® Plus

TYPICAL APPLICATIONS
- Laboratories
- Pharmaceutical facilities
- Automotive and aerospace
- Computer rooms
- Hospitals
- Food processing facilities
- High-tech manufacturing
- Data Centers

VISUAL SELECTION

<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>Seismic Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES7901</td>
<td>15/16&quot;</td>
<td>12' HD Main Beam 12&quot; O.C.</td>
<td>2 Ft., 4 Ft.</td>
<td>144 x 15/16 x 1-11/16&quot;</td>
<td>18.33 – –</td>
<td>–</td>
</tr>
<tr>
<td>ES7940</td>
<td>15/16&quot;</td>
<td>4' Cross Tee 24&quot; O.C.</td>
<td>24&quot; 48&quot;</td>
<td>–</td>
<td>–</td>
<td>–</td>
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<tr>
<td>ES7920</td>
<td>15/16&quot;</td>
<td>2' Cross Tee – 24 x 15/16 x 1-11/16&quot;</td>
<td>–</td>
<td>–</td>
<td>60.83 – –</td>
<td>–</td>
</tr>
<tr>
<td>ES7801</td>
<td>15/16&quot;</td>
<td>Other Sizes Cross tees L: 24&quot; - 144&quot; / Rout spacing 6&quot; from ends, 12&quot; thereafter</td>
<td>12&quot; 48&quot;</td>
<td>–</td>
<td>–</td>
<td>60 120</td>
</tr>
<tr>
<td>ES7801</td>
<td>12&quot;</td>
<td>Hemmed Angle Molding 144 x 15/16 x 15/16&quot;</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>30 360</td>
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</tbody>
</table>

MAXIMUM FIXTURE WEIGHT

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Item No.</th>
<th>Fixture*</th>
<th>Planning Module</th>
<th>Hanger Spacing</th>
<th>Maximum Weight</th>
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</thead>
<tbody>
<tr>
<td>Main Beam to Main Beam</td>
<td>ES7901</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>ES7901</td>
<td>24&quot; x 48&quot;</td>
<td>48&quot; x 48&quot;</td>
<td>48&quot;</td>
<td>70.0 lbs.</td>
<td>100.0 lbs.</td>
</tr>
<tr>
<td>ES7901</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>

* Fixtures weighing more than 56 lbs. should be independently supported. Fixture weight is based on single fixture only. For end-to-end fixtures or other configurations not shown, consult your Armstrong representative.
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Steel
15/16" Exposed Tee System

ACCESSORIES

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.

XTAC – Cross Tee Adapter Clip – Attaches cross tees or main beams to the structural wall molding when supporting heavy loads around the perimeter of the ceiling installation.

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.

■ CHDC – 50 pcs
■ FZCHDC – 50 pcs
■ XTAC – 100 pcs
■ FZXTAC – 50 pcs
■ BERCU (Steel) – 200 pcs
■ FZBERCU (Steel) – 50 pcs

COLOR SELECTION

15/16” Main Beam and Cross Tee

SEISMIC PERFORMANCE

Main Beams – Minimum Lbs. To Pull Out
Compression/Tension
ES7901 - 294.6
Cross Tees – Minimum Lbs. To Pull Out
Compression/Tension
ES7940, ES7920 - 492.40

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
Hot-Dipped Galvanized – Gasketed

Surface Finish
Baked Polyester Paint

Cross Tee/Main Beam Interface
Flush Fit

End Detail
Main Beam: Integral Hook
Cross Tee: Staked-on Clip

Manufactured and tested in accordance with ASTM G635