**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

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**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*</th>
<th>Seismic Category</th>
<th>Pcs./Ctn.</th>
<th>Lin. Ft./Ctn.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Clean Room Co-Extruded Steel (Gasketed)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2 Ft.</td>
<td>4 Ft.</td>
<td>5 Ft.</td>
<td></td>
</tr>
<tr>
<td>ES7901</td>
<td>15/16”</td>
<td>12” HD Main Beam</td>
<td>12” O.C.</td>
<td>144 x 15/16 x 1-11/16”</td>
<td>–</td>
<td>18.33</td>
<td>–</td>
<td>–</td>
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<tr>
<td>ES7940</td>
<td>15/16”</td>
<td>4’ Cross Tee</td>
<td>24” O.C.</td>
<td>48 x 15/16 x 1-11/16”</td>
<td>–</td>
<td>16.83</td>
<td>–</td>
<td>–</td>
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<tr>
<td>ES7920</td>
<td>15/16”</td>
<td>2’ Cross Tee</td>
<td>–</td>
<td>24 x 15/16 x 1-11/16”</td>
<td>60.83</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td><strong>ES7801</strong></td>
<td>15/16”</td>
<td>Other Sizes</td>
<td>Main beams L: 24” – 144” / Cross tees L: 24” – 56” / Rout spacing 3” from ends, 6” thereafter Varies Varies</td>
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<tr>
<td><strong>MAXIMUM FIXTURE WEIGHT</strong></td>
<td></td>
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</tr>
<tr>
<td>Configuration</td>
<td>Item No.</td>
<td>Fixtures* A B</td>
<td>Planning Module A B</td>
<td>Hanger Spacing A B</td>
<td>Maximum Weight A B</td>
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<td></td>
</tr>
<tr>
<td>Main Beam to Main Beam</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>ES7901</td>
<td>24” x 48”</td>
<td>46” x 48”</td>
<td>46”</td>
<td>100.0 lbs.</td>
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<tr>
<td>ES7901</td>
<td>24” x 48”</td>
<td>12” x 48”</td>
<td>46” x 48”</td>
<td>46”</td>
<td>70.0 lbs.</td>
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<tr>
<td>ES7901</td>
<td>12” x 48”</td>
<td>46” x 48”</td>
<td>46”</td>
<td>69.0 lbs.</td>
<td></td>
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</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.
CLEAN ROOM™ 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.

□ CHDC – 50 pcs
□ FZCHDC – 50 pcs

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.

□ XTAC – 100 pcs
□ FZXTAC – 50 pcs

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.

□ BERC2 (Steel) – 200 pcs
□ FZBERC2 (Steel) – 50 pcs

COLOR SELECTION
White

DETAILS

15/16" Main Beam and Cross Tee

Clean Room Angle Molding for use with 15/16" Clean Room Suspension System

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

Manufactured and tested in accordance with ASTM C635

Cross Tee/Main Beam Interface
Flush Fit

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

TechLine / 1 877 276 7876
armstrongceilings.com/commceilings
(search: suspensionsystem)
BPCS-4121-419

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