

# CLEAN ROOM

Grid Systems



## Physical Data

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### Material

Extruded aluminum – Gasketed

### Surface Finish

Baked polyester paint or anodized

### Cross Tee/Main Beam Interface

Extruded Aluminum CLEAN ROOM/Gasketed –  
Flush Fit

### End Detail

Extruded Aluminum

Main Beam: Splice Clip

Cross Tee: Cross Tee Clip

### Warranty

See pages 104-105 for details

CLEAN ROOM Mylar with CLEAN ROOM 1-1/2" Exposed Tee grid

## Color Selection

Due to printing limitations, shade may vary from actual product.

White (WH)

Unpainted

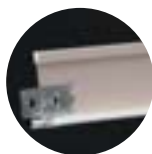


EA7903  
EA7947  
EA7927  
EA7801

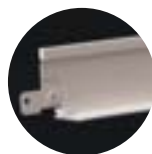
CHDC  
XTAC



CLEAN ROOM  
Exposed Tee grid



CLEAN ROOM  
Main Beam



CLEAN ROOM  
Cross Tee



### Key Selection Attributes

- System suitable for use in Class 5 or greater (Class 100) clean rooms as defined by ISO Standard 14644-1 (Federal Standard 209E) when used with Clean Room Mylar and Clean Room VL Armstrong ceiling panels
- **Clean Room performance without hold down clips:**
  - Clean Room Mylar, #1720 – ISO Class 3.6 or greater
  - Clean Room VL, #868 – ISO Class 4.2 or greater
- Aluminum construction for maximum corrosion resistance and non-magnetic environments
- Lightly textured PVC face, to better match Clean Room VL panels
- Unique, factory applied gaskets for better seal between panel and grid
- PVC hold down clip to ensure a good seal available (not required for clean room performance)
- Staked on main beam splice and integral hook cross tee for easy connections and module control
- 10-year warranty; 15-year warranty with **HumiGuard Plus** products

### Typical Applications

- Automotive & aerospace
- Computer rooms
- Hospitals
- Food processing facilities
- High tech manufacturing
- Non-magnetic areas

**Recycled Content:**

**50%  
Aluminum**

**Colors**  
See pg. 84

## Visual Selection

## Performance Selection

GRID FACE	ITEM NUMBER	DESCRIPTION	DIMENSIONS	HANGER SPACING* LBS./LIN. FT.		FIRE/ FLAME	FIRE GUARD ITEM #	FIRE GUARD HANGER SPACING* LBS./LIN. FT.		ASTM/ DUTY CLASS
<b>ALUMINUM CLEAN ROOM - Gasketed</b>										
1-1/2"	EA7903	12' ID Main Beam	144 x 1-1/2 x 2"	15.91	8.4	-	-	-	-	ID
1-1/2"	EA7947	4' Cross Tee	48 x 1-1/2 x 2"	18.42	-	-	-	-	-	-
1-1/2"	EA7927	2' Cross Tee	24 x 1-1/2 x 2"	96.0	-	-	-	-	-	-
<b>Molding</b>										
15/16"	EA7801	12' Angle Molding	144 x 15/16 x 15/16"	-	-	-	-	-	-	-
<b>Accessories</b>										
-	CHDC	Hold Down Clip	-	-	-	-	-	-	-	-
-	XTAC	Cross Tee Adapter Clip	-	-	-	-	-	-	-	-

\* Simple Span  
\*\* U.S. and Foreign Patents 6,701,686

ASTM Class  
HD - Heavy-duty  
ID - Intermediate-duty  
LD - Light-duty

**NOTE:** Specify light fixtures designed to install with 1-1/2" face suspension systems when using this product to allow for fixture maintenance.

## Details

