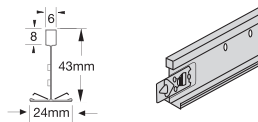


# CLEAN ROOM GRID SYSTEM



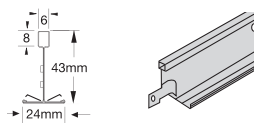
Exposed 24 mm grid system (nominal). A complete system solution: Aluminium construction for maximum corrosion resistance and non-magnetic environments. Co-extruded with a unique factory applied gasket for a better seal between tile and grid. System suitable for use in applications up to Class 4 performance as per Class ISO standard 14644-1.

## Main Runner CLEAN ROOM Grid System 24



Item Nr.	Dimensions		Content / Carton		Weight / Carton	Cartons / Pallet
	length (mm)	height (mm)	pcs	lm	kg	
BPEA 794044	3600	43	20	72,00	24,00	30

## Cross Tees CLEAN ROOM Grid System 24 + Perimeter Trim

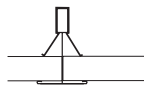


BPEA 793044	1200	43	60	72,00	26,00	20
BPEA 792044	600	43	60	36,00	12,00	40

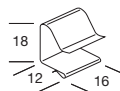


BPEA 7801	3660	24	30	109,80	20,00	25
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## Accessories



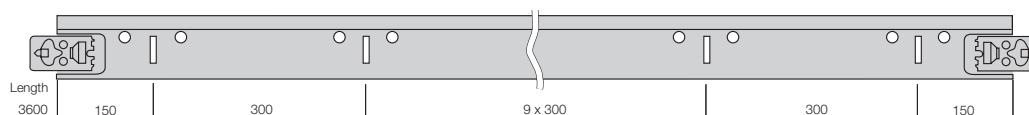
**BP CHDC**  
Hold down clip suitable for non-magnetic areas



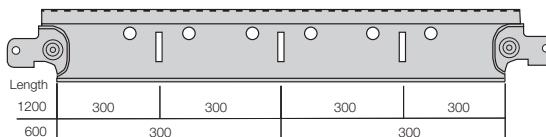
**BPA 426**  
Board access clip

## Section Drawings

Main Runner CLEAN ROOM Grid 24



Cross Tee CLEAN ROOM Grid 24



## Grid Load Capacities

Tile weight	Distance between Main Runners	
	1200 mm Cross Tee BPEA793044	600 mm Cross Tee BPEA792044
2,5 kg/m <sup>2</sup>	1850	2100
3,0 kg/m <sup>2</sup>	1750	2100
3,5 kg/m <sup>2</sup>	1700	2100
4,0 kg/m <sup>2</sup>	1650	2050
5,0 kg/m <sup>2</sup>	1550	1950
5,5 kg/m <sup>2</sup>	1500	1900
6,0 kg/m <sup>2</sup>	1450	1850
7,0 kg/m <sup>2</sup>	1400	1800
8,5 kg/m <sup>2</sup>	1300	1700
10,5 kg/m <sup>2</sup>	1200	1600
13,0 kg/m <sup>2</sup>	1050	1450

### CLEAN ROOM Grid 24 mm

The table gives the maximum permitted hanger distance (mm) along the CLEAN ROOM Grid Main Runner (BPEA 794044) for the tile weights and Main Runner spacings noted.

- The table values may be influenced by either bending moment or deflection. For other deflection limits (L/300, L/360, L/400), please contact your **Armstrong Technical Sales**.
- Load values determined from laboratory tests in accordance with EN 13964 : 2004.
- Applicable for 600 x 600 mm tiles and assuming that the maximum deflection of the grid is L/500 but not greater than 4 mm (L = span).
- No other applied loads such as luminaires, air diffusers, smoke detectors, sprinklers, hanging signs etc. are permitted.**
- No overlays such as mineral wool or fibre glass quilts, as may be required for enhanced acoustic, fire or thermal performance, are permitted unless their full weight is established and included, together with the weight of the tile, within the appropriate weight groups.

All measurements in millimetres. All sizes are nominal.  
Please contact our **Armstrong Technical Sales** for further details.

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