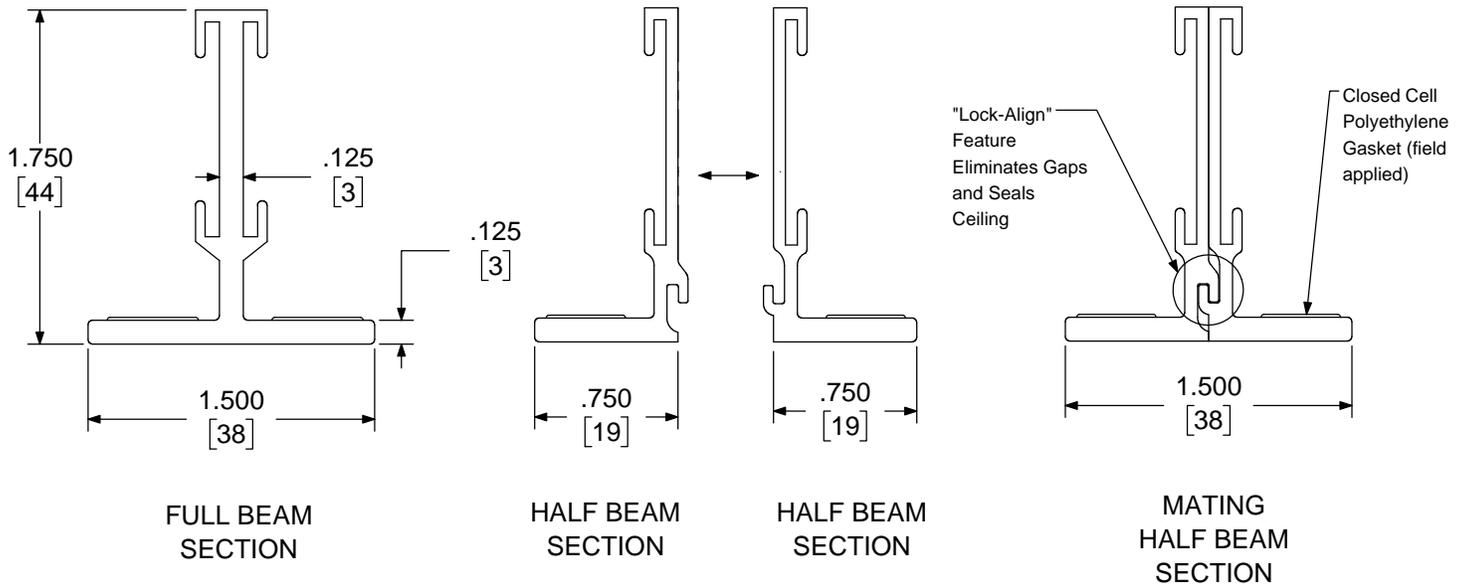


FRAMEWORX

OPERATING ROOM CEILING SYSTEM
 SUSPENDED GRID SYSTEM

SUBMITTAL SHEET

Grid Component Detail



General Description

- Heavy Duty grid system at half the allowable deflection as classified per ASTM C635.
- All systems are custom engineered and welded on 12-1/8" Modulus for each installation/application.
- Ideal for use in operating suites, laboratories, isolation rooms, and pharmacies.
- Sectionals are pre-welded at factory for rapid assembly in the field with half tee clamp connectors.
- Individual sections fabricated up to 5' x 10' as standard for ease of transport, handling, and installing. Larger sections available as applicable.
- Designed via structural analysis software for rigidity to ensure a tight seal from the contaminated plenum space above.
- Supports a minimum of 10 lbs load per square foot.
- 1/8" thick closed cell polyethylene gasket material provided for field installation.
- Factory supplied blank-off panels to match air distribution equipment (purchased separately).

Full Tee Features

- 1-1/2" wide Full T-Beams exceeding .52 lbs/linear foot.
- 1-3/4" high vertical stack head minimizes interference with installing ceiling components and hanger wire or thread rod.
- Minimum wall thickness of .125".

Half Tee Features

- 3/4" Half T-Beams with "Lock-Align" design for positive alignment between mating sections. Eliminates need for gaskets between sections.
- Pairs of Half T-Beams mate together to form a dimensional equivalent of a Full T-Beam (field attached with Half T-Beam clips, included).

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OPERATING ROOM CEILING SYSTEM SUSPENDED GRID SYSTEM

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Support Methods

- Holes die punched at 12" intervals in vertical stack head of Full Beam members for hanger wire supports.
- Half Beam clamps are included for support of mating sections and can be positioned anywhere within the grid system.

Material	Finish	Blank Off Panel
6000 Series Extruded Aluminum alloy	44 - British White 4A - Antimicrobial British White 81 - Clear Anodize	Perforated Aluminum Solid Aluminum Note: Polished Stainless Steel provided when anodized finish selected

Example Layout

