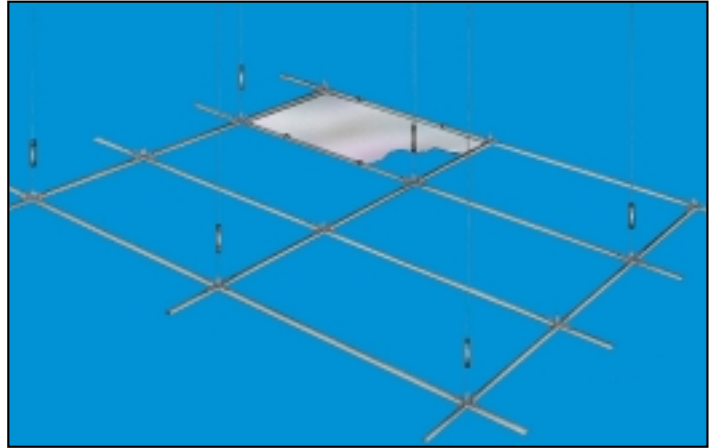# FabLine Cleanroom Ceiling Grid System

2″ Gasket-Seal Grid

The FabLine 2″ Gasket-Seal Ceiling Grid System is pre-engineered to interface with FabLine Modular Cleanroom Wall Systems and UltraGuard Fan Filter Units in a totally integrated system.
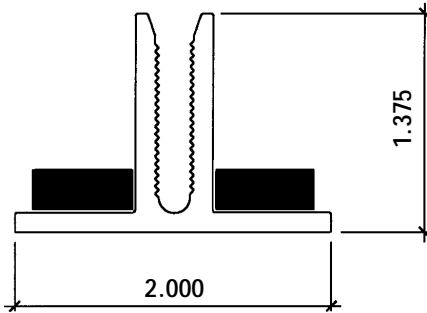

Description

The FabLine 2″ Gasket-Seal Ceiling Grid System combines flexibility with simplicity to meet the ever-changing needs of the technology industries.

The system offers the complete versatility of nonprogressive construction required in most cleanrooms. It is a functional stick-built system that provides a 2″ wide structural grid system with aluminum extrusions and zinc die castings to receive standard filter modules, light fixtures and blank panels.
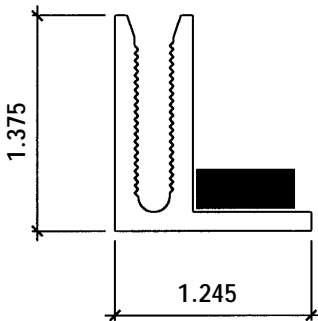
Truly an engineered system for ease of installation, the system can be used in 2 x 2, 2 x 4, 4 x 4 and custom layouts.

Features and Benefits

- Designed to add the same protection, strength and reliability to a new or existing cleanroom, ensuring performance geared to the expectations for which the cleanroom is being installed.

- 2″ wide aluminum grid bolted together to form a continuous ledge to receive hooded HEPA or ULPA filters.

- Wall head track and teardrop fixtures can be attached anywhere below the grid extrusion without effecting the fan filter modules in the grid.

- Hangers may be placed anywhere below the grid to suspend mini-environments, wafer conveyor tracks or process piping and equipment.

- Standard finishes are available in either clear anodized or white powder coat. Please consult factory for special finishes.

- The gasket grid is compatible with teardrop, sealed troffer and flow-thru type light fixtures.

- Various ceiling blank options are available based on application.

- Ceiling grid can interface with all manufacturers of wall systems and fan filter units.

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1.375

2.000

2″ Main Runner/Cross Tee

1.375

1.245

2″ Wall Angle

Basic Uses

The FabLine 2″ Gasket-Seal Ceiling Grid System is designed for use in environments up to a Sub-Class 1 environment where maximum performance, strength and reliability are required.

The ceiling grid system is designed for environments within the technology industries and all supporting and related industries.

Designed to serve as a continuous gasketed ledge to receive standard filter modules, light fixtures and blank panels, it provides a 2″ wide structural gasketed ceiling grid system with aluminum extrusions and zinc die casting connectors.

The system can be used in 2 x 2, 2 x 4 , 4 x 4 and custom layouts.

Cleanroom Wall Support System

Extrusions - General

All main runners, cross tees and wall angles shall be 6063-T5 aluminum extrusions with a 201R1 anodized clear finish or a painted finish.

Materials

a. Metal framing: Aluminum 6063-T5 alloy.

b. Rod: 3/8″-16 LH/RH threaded zinc plated steel rod.

c. Turnbuckle: 6″ LH/RH zinc plated turnbuckle.

d. Castings: Zinc die-castings with 1/4″ -20 x 1 1/4″ hex head bolt or button head bolts.

e. Gaskets: Medium density 1/4″ x 3/8″ with adhesive one side

Finish for Aluminum Extrusions

201R1 anodized clear finish or painted finish.

Warranty:

PortaFab 2″ Gasket-Seal Ceiling Grid System is warranted against defects and workmanship for a period of one (1) year from date of original shipment.

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