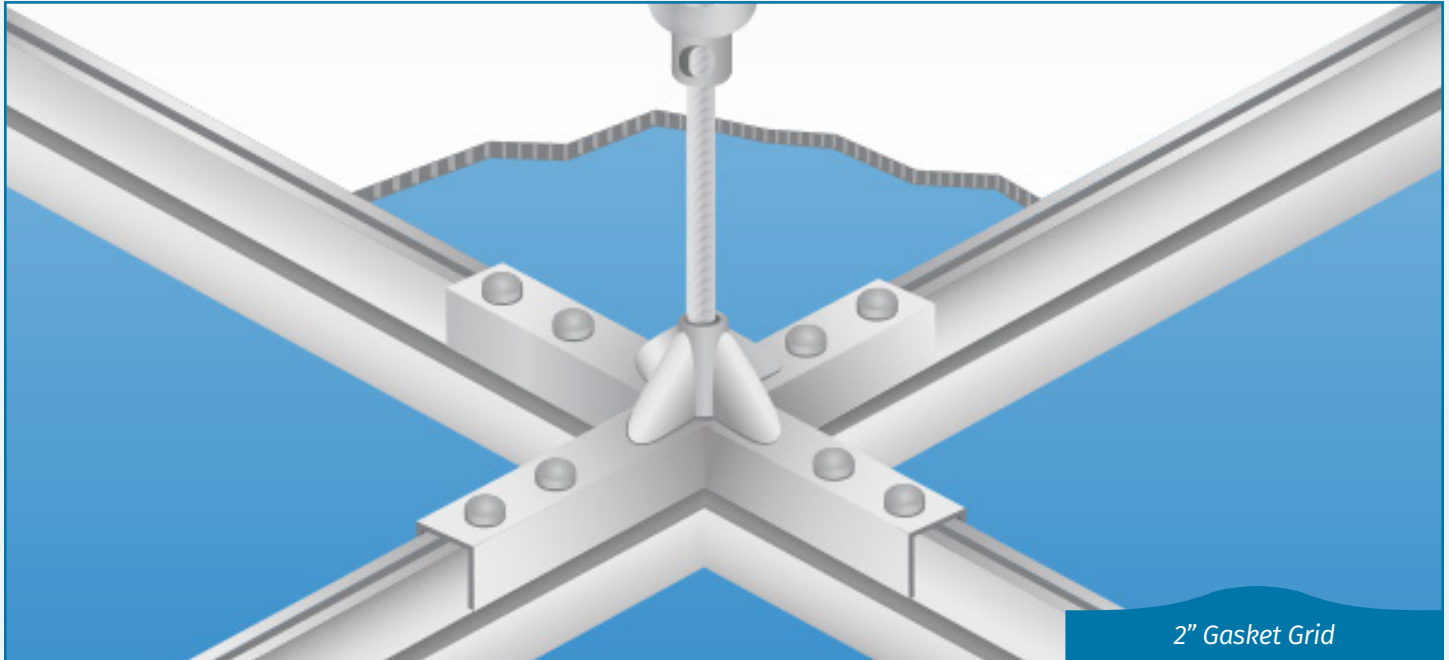# FabLine Cleanroom Ceiling Grid System

PORTAFAB
Modular Building Systems

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.

2" Gasket Grid

Features and Benefits

Durability
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.

Grid System
2" wide aluminum grid bolted together to form a continuous ledge to receive hooded HEPA or ULPA filters.

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

Ceiling Blank Options
Various ceiling blank options are available based on application.

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

Light Fixtures
The gasket grid is compatible with teardrop, sealed troffer and flowthru type light fixtures.

Additional Wall Systems
Ceiling grid can interface with all manufacturers of wall systems and fan filter units.

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

2" Gasket-Seal Grid

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.

Cleanroom Wall Support System | Extrusion - 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.

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.

2" Main Runner/Cross Tee

2" Wall Angle

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