NORTEK™
CLEANROOM SOLUTIONS
SERVICOR

STRETCHWALL CLEANROOMS







Features and Benefits Summary

- Economical alternative to Hardwall panel construction.
- Exclusive Uni-Grid™ load-bearing, walkable ceiling system allows for easy maintenance and interchange of lights, tiles and HEPA filters.
- Available in an unlimited number of sizes and configurations using high quality standard components.
- Baked polyurethane powder coat finish ensures non-outgassing components with a hard-shell finish that will withstand frequent cleansing and will not contaminate your process.
- Truly modular, non-progressive construction provides maximum flexibility to accommodate new processes and equipment.
- Fast installation, simple to relocate, and pre-engineered to meet your demanding schedule.

Structural Integrity

Servicor® Stretchwall cleanrooms stand out as the most structurally rigid available anywhere in the industry. Formed from cold-rolled tubular steel, each frame is incredibly robust and highly durable. Together with any of the available flexible PVC stretch panels and our exclusive ceiling system, the frames compose a room which can be seismically rated and will endure punishment from outside and within.

Cleanliness and Durability

All Servicor frames and ceiling grids are powder coated with a polyurethane material then baked at 450 degrees to ensure truly non-outgassing components. Unlike epoxy, which is an outgassing product, the Servicor process provides an extremely hard-shell finish that will withstand frequent cleaning and will not contaminate your process. The result is a beautiful, consistent finish on a cleanroom that looks simple while meeting your detailed requirements.

Unique and Intelligent Design

Servicor's exclusive Uni-Grid ceiling system is fully welded to form a structurally superior and unified ceiling grid. It is then powder- coated and fitted with closed-cell gasketing that creates a tight seal with all drop-in components. Each fully loaded Uni-Grid is self-supporting and can be designed to be completely walkable with a 250 pound point load, allowing for simple exchange of the 2'x4' lights, tiles and Fan Filter Units.



SPECIFICATIONS

Size
Innumerable configurations, in standard increments of 2'x4' units; unsupported spans up to 48' with truss system.

Class
Federal Standard 209e Class 100,000 to Class 100 and ISO 9-5 Standards compatible.

Filtration
2' x 2', 2' x 3', and 2'x4' HEPA or ULPA Fan Filter Units or Ducted Terminal HEPA. Complete FFU control systems available.

Ceiling
Uni-Grid™ ceiling system: 11ga thick steel , all-welded construction, fitted with closed-cell gasketing.

Walls
Flexible clear vinyl.

Frames
Welded 2"x 2"x.083" heavy gauge cold-rolled tubular steel, pre-engineered construction.

Finish
White baked polyurethane powder-coating.

OPTIONS

- Factory installation of provided items
- Stretch panel materials include: clear, static dissipative, UV protectants, opaque white, black, as well as other application-specific materials
- UL listed flush-mount electrical outlets and light switches
- Pass-thru's, air-showers
- Teardrop or flow-through lighting
- Cutouts to accommodate processes, conveyer belts and machinery
- Structural calculations and seismic ratings
- Integrated anteroom
- Door Interlock Systems
- Swing doors, automatic sliding doors, automatic roll-up doors, sliding track curtains or strip access entrances

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Products in this literature are covered by one or more of the patents listed on www.nortekair.com/patents.

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