

Data Center and Semiconductor



Data Center and Semiconductor builds or upgrades require significant planning and design to ensure maximum uptime and efficiency. ASC Engineered Solutions™ provides unmatched quality and reliability to ensure assets are kept safe and running at their optimum design. With us as a partner, you can count on us to deliver technical support, focus on reducing risk and providing a safer environment.

Our range of solutions include:

- Mechanical Piping Products
- Fire Sprinkler Connections
- Fire Protection Piping Products
- Seismic Bracing & Supports
- Pipe Hangers & Supports
- Design & Fabrication Services Available

Flexible Sprinkler Connections
Patented flexible sprinkler connection technology.

Press Fittings
Stainless steel press fittings.

Bolted Framing
Strut, strut fittings, & accessories.

Pipe Fittings
Unmatched breadth of threaded & socket weld fittings.

Grooved
Complete portfolio of grooved couplings, fittings, & valves.

Fire Protection Accessories
Brass trim, standpipe equipment, and sealants & lubricants.

Seismic Solutions
Seismic bracing & hanger solutions.

Pipe Hangers
Beam clamps, pipe hangers, pipe clamps, pipe rollers, & pipe supports.

Valves
High performance & general service valves.

Fabrication Equipment
Custom fire protection fabrication equipment.

Valve Automation
Pneumatic and electric actuators, digital positioning & accessories.

Design and Software Services



Seis Brace® Software – Leader in Seismic Bracing Design Software

The most comprehensive seismic bracing calculation software in Fire Protection. Seis Brace ensures compliance and inability to miscalculate. The end result is a complete submittal PDF package with all calculations and submittal sheets included. Features include:

- Detailed calculations in accordance with NFPA 13, 2016 / ASCE7-10 and 2019 / ASCE7-16

Design Services & Fabrication

Our design services team can provide a design analysis at no charge:

- Conceptual drawing(s) with BOM
- Documented potential savings capacity
- Prying factors of Anvil products to maximize swivel component
- Quotation for fabrication services

Typical design review results in reduction of fittings used by 10-15%.

- Three methods to calculate and optimize your Seismic Coefficient (C_p)
- Pipe selection by manufacturer for more accurate load calculation
- Anchor selection by manufacturer to maximize structural attachment capacity
- Prying factors of Anvil products to maximize swivel component
- UL or FM loads to comply with project specifications

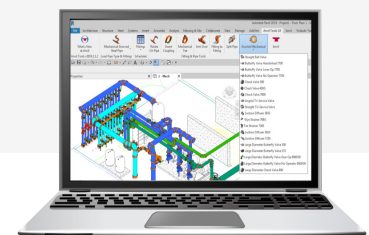
More savings can be generated with the availability to move equipment as needed for optimal design. Extended fee services are also available.

- Full fabrication drawing
- Fully dimensional and tagged BOM
- On site, field survey for retro fit projects
- Dimensioned floor penetrations

At ASC, we offer tools and custom design services to help your team build better and smarter. All BIM and CAD content is available online in our BIM/CAD content library.

Designing with Anvil Tools™

- Anvil Tools plug-in for Autodesk's Revit software
- Easily load Anvil and Gruvlok products into a Revit Project
- Design with smart pipe routing and fitting families
- Save time by automating and enhancing mechanical workflows
- Simplified tagging, scheduling, and spool sheet creation



Please contact your local ASC Engineered Solutions sales representative.



asc-es.com

Building connections that last™