

Seismic Isolation Products

for MEP Systems



Easyflex™

Easyflex™

ISO 14001 CERTIFIED

ISO 9001 CERTIFIED

Seismic Design & Engineering

We understand the need to mitigate risk of leaks and damages to Building Utility systems especially for applications in Critical infrastructure projects.

SMACNA

IBC INTERNATIONAL BUILDING CODE®



Our Design and Engineering processes are in accordance with international standards to deliver high quality systems for our customers.

Easyflex is focused on developing solutions to protect non-structural elements of a building.



Easyflex Latitudinal
Seismic Bracing Kit for Pipes

Easyflex™

Seismic Isolation Products

for HVAC & MEP Applications

Engineering Analysis Report and Calculations
to facilitate Seismic Design for Chilled Water Plants.

Isolation and Restraints
for Chillers, Axial Fans, Pumps, Air Handling Units and more.

Flexible Connectors and Steelwork Connections
for Seismic protection of Piping & Ducting



Easyflex Restrained Spring Mounts



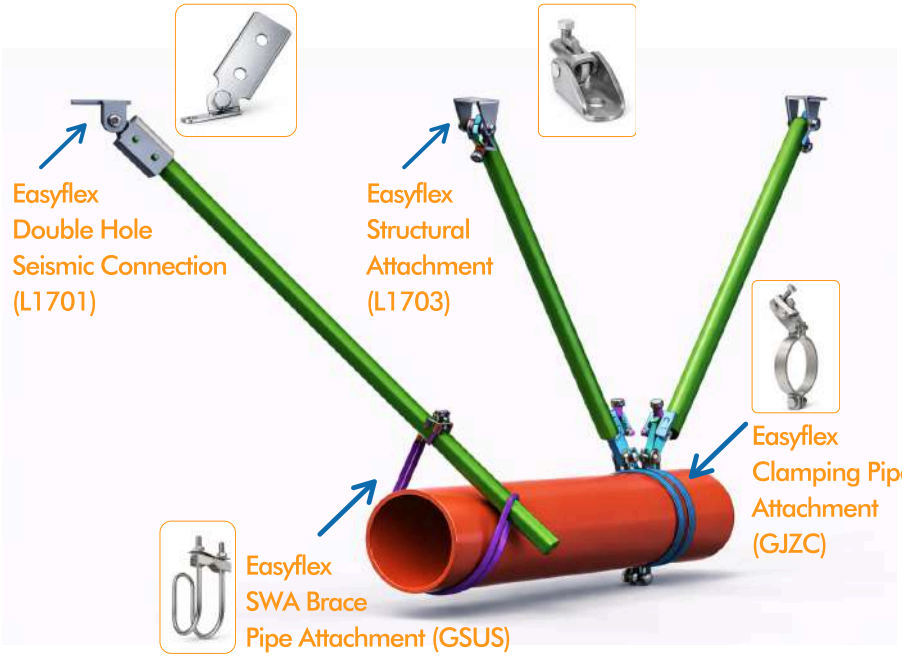
Easyflex Seismic Wire Bracing Kit

ITC Colombo • Parker Hannifan • ICICI Bank Hyderabad • FIFC BKC Mumbai • Fujairah Business Centre UAE • Vodafone HQ Mumbai Lodha World One Mumbai • American Embassy New Delhi • DIAL

List of Projects

Pipe & Structural Attachments

Seismic Accessories

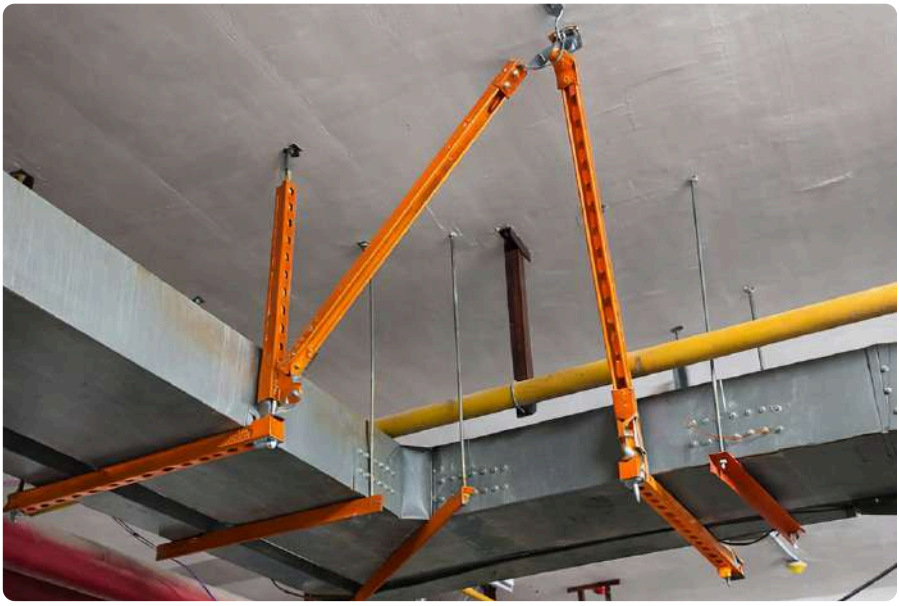


Fix pipe to ceiling using Pipe/Structural end fixing.

- **Cut pipe to desired length.**
- **Attach L1701/L1703 bracket at one end of the pipe using fasteners and anchors.**
- **Attach GSUS/GJZC at the other end of the fixing pipe using fasteners.**
- **Seismic Kit needs to be install such that angle between support and pipe axis equals 45°.**

PSB Solid Seismic Bracing Kit

for HVAC Services



For Seismic Isolation

Design as per ASHRAE & SMACNA to protect HVAC Services during the event of Earthquake.

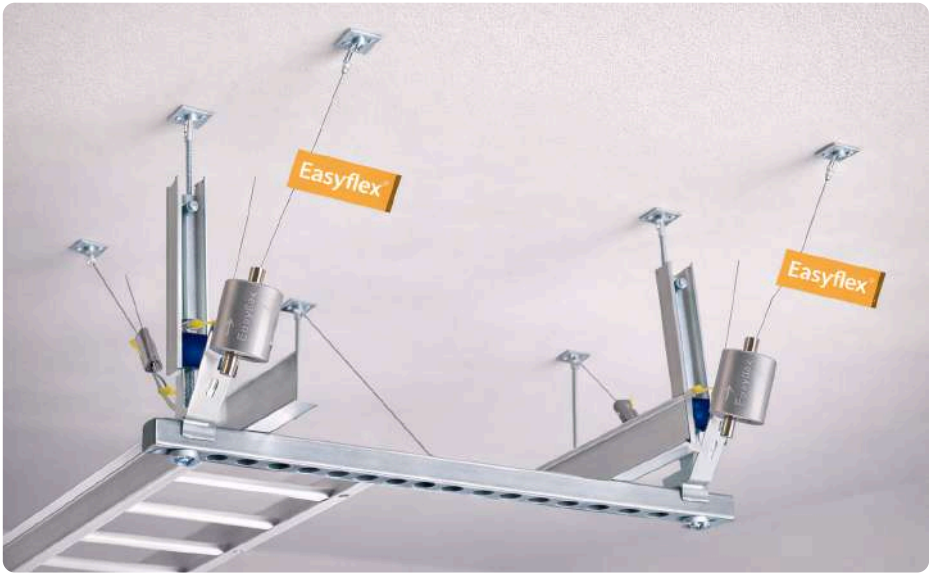
Installation

Also compatible for retrofit on existing installations like Threaded rod.



Easyflex Wire Bracing Systems

For Suspended Services



Seismic Bracing Systems are designed for Piping & Ducting, Cable Trays, AHU's for maximum protection during an Earthquake.

Seismic Restraints (i.e. braces) resist earthquake forces and keep systems in place and secure.

Key Advantages of Easyflex Wire Bracing System

- 10x Times Faster to Install
- Get Complete Pre-Engineered System
- Supplied in Kits as per Final Design Layout & Selection
- Suitable for Point Load up to 500kg
- Highly Convenient for Plants & Factories

Seismic Wire Bracing Kit

for Cable Trays



Trapezed Cable Tray Supports

- Install EasyLock rod seismic bracing bracket on to cable tray and secure into place using threaded rod.
- Pass the wire through the EasyLock in the direction of the arrow.
- Loop the wire through the 8mm hole of the seismic rod bracing bracket.
- Pass the wire back through the easylock allowing 15cm of wire protruding ---> Apply tension
- Install the EasyLock seismic ceiling bracket using the Anchor Fastener.
- Ensure that the wire does not exceed a 60 degree angle.

Flexible Connections

U & V Metallic Braided Connections



Easyflex U & V Flexible Connectors are designed to absorb seismic movement.

Specifications

- Materials - SS304 Hose with SS304 Single or Double Braiding
- Pressure Rating - PN2/10/16/25/30/40
- Movement Capability : ±4" in any direction
- End Connections - Flange Ends / Pipe End
- Accessories - Inner Sleeve / Liner
- Accessories - Limit Rods / Tie Rods

Easyflex™

Seismic Snubbers

for Pumps & Chillers

Designed for a minimum of 1.0g accelerated force in all directions.

Series EFSS - suitable for Point Loads : 250kg to 11500kg.



Easyflex Design Report

- Seismic Zone
- Soil Conditions
- Building Codes

Get assistance for installation of isolators & snubbers with Chiller.



Contact Easyflex for Design & Selection

Seismic Restrained Certified Spring Mounts

TRU Compliance Listed

Tested & Certified to:
ASHRAE 171-2017
Wind & Seismic
Load Resistance
TRU COMPLIANCE
LISTED
1701502-CR-001-R2

Tested and certified to: ASHRAE 171-2017 for Wind & Seismic Load Resistance.



Easyflex Series SRMT-2



Series SRMT-1

Specifications

- Wind & Seismic Horizontal Load Resistance
- Wind & Seismic Vertical Load Resistance
- Suitable for Chillers, Pumps, Cooling Towers, Compressors.
- Use in combination with Inertia Bases
- Use in combination with Seismic Snubbers
- Contact us to Get complete Design Report & Selection

Easyflex™

Restrained Spring Mounts

Designed to limit vertical movement of equipment during earthquake.



Design & Selection factors

- Seismic Zone
- RPM of Equipment
- Installation Location
- Installation Orientation
- Mounting Points available



Air Cooled Chiller installed on roof top using Easyflex Seismic Restrained Spring Isolators

Easyflex™

HQ

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ENGINEERING YOUR VISION WITH OUR EXPERTISE