Seismic V-Loop - 150# Flanged - 4" Movement

SKU **FPL-VL-FLG-4M** · Seismic V-Loops · Ordering: **Online order**

Technical Identity

Hose material	321 Stainless Steel, corrugated
Braid material	304 Stainless Steel
Braid construction	Single braid
End connections	**150# Flange** Fitting material: Carbon Steel plate flange Class 150 drilling (both ends)
Flange	Class 150 · Flat Face
Movement class	Nominal 4 in.; multi-axis (X / Y / Z)
Overall dimensions	Overall dimensions vary by pipe size and movement class; confirmed for the selected assembly.
Construction	Multi-axis seismic loop: factory-welded components with support bracket and drain plug; allowable motion in the X, Y and Z axes.
Ordering path	Online order; each order is reviewed before fabrication.

Configurations Available Online

Nominal pipe size
2 in. · 2-1/2 in. · 3 in. · 4 in. · 5 in. · 6 in.
8 in. · 10 in. · 12 in.

Pressure Rating

- Allowable working pressure is not published on this data sheet. It depends on hose size, braid construction, end connections, temperature, service/media, movement, bend radius and installation conditions, and is confirmed for the selected assembly with the quotation or order acknowledgment.
- The flange class identifies the flange only; it is not the pressure rating of the completed assembly. The assembly rating does not exceed the ASME B16.5 pressure-temperature rating of the flange class and material supplied.
- Steam service requires double-braid construction and engineering review before order.

Installation & Application

- Do not install the assembly in torsion; align and support connected piping before final make-up.
- The assembly is not a substitute for required pipe supports, anchors or guides.
- Select and install only after application review of movement direction, support geometry, anchors, guides, installation clearance and applicable code requirements.
- Flat-face flanges are used with full-face gaskets against cast-iron, FRP, lined or other flat-face mating flanges.

Engineering Review / RFQ Required For

- Double-braid construction
- Alternate materials or end connections, pressure testing, tagging, material certificates or documentation packages
- Service conditions (pressure, temperature, media, movement or cycling) that require a confirmed rating

Documentation

Hydrostatic testing, tagging, material test reports and certified drawings are supplied only when included in the accepted quotation or order acknowledgment.

Ordering

Product page	flexpipeusa.com/product/seismic-v-loop-150-flanged-4-movement/
SKU	FPL-VL-FLG-4M
Ordering mode	Online order
Quotes / review	sales@flexpipeusa.com · 763-200-2287 · flexpipeusa.com/rfq/

Submittal Information

Project	Location
Engineer of record	Mechanical contractor
Specification section	Equipment / tag numbers
Quantity	Size / OAL
Service / media	Design pressure and temperature (completed by submitter)

Submittal review ☐ Approved ☐ Approved as noted ☐ Revise and resubmit ☐ Rejected	Reviewer / date / stamp