321SS Braided Metal Hose – 304SS 150# Flat-Face Floating Flanges

SKU **FP-QS-FFLG150SS-FFLG150SS** · Standard / Quick Ship Metal Hose Assemblies · Ordering: **Special Order / RFQ**

Technical Identity

Hose material	321 Stainless Steel, corrugated
Braid material	304 Stainless Steel
Braid construction	Single braid
End connections	**150# Flat Face Flange** Fitting material: 304 Stainless Steel ASME B16.5 drilling (both ends)
Flange	Class 150 · Flat Face
Construction	Welded hose terminations; floating flanges rotate for bolt-hole alignment.
Ordering path	Plate-flange construction is a published Special Order: quoted through the engineering RFQ.

Sizes Offered by RFQ

Hose ID
2 in. · 2-1/2 in. · 3 in. · 4 in. · 6 in. · 8 in.
10 in. · 12 in.

Overall length: Specified in the RFQ.

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.
- Respect the minimum bend radius and required live length for the offset or movement involved.
- The assembly is not a substitute for required pipe supports, anchors, guides or an engineered expansion joint.
- Overall length (OAL) is measured end-to-end unless stated otherwise on the accepted quotation or drawing.
- 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

- All orders: quoted after engineering review
- 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/321ss-flexible-braided-metal-hose-304-ss-braid-304-ss-150-flat-faced-flanges/
SKU	FP-QS-FFLG150SS-FFLG150SS
Ordering mode	Special Order / RFQ
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