316SS Double-Braided Metal Hose Assembly — 300# Flange x 300# Flange

SKU **FP-MH-316-316-FLG300-FLG300** · Configurable Metal Hose Assemblies (Numeric OAL) · Ordering: **RFQ**

Technical Identity

Hose material	316 Stainless Steel
Braid material	316 Stainless Steel
Braid construction	Double braid
End connections	**300# Flange** Fitting material: 316 Stainless Steel (both ends)
Flange	Class 300 · Raised Face
Ordering path	Quoted through the engineering RFQ.

Sizes Offered by RFQ

Hose ID
2 in. · 2-1/2 in. · 3 in. · 4 in. · 5 in. · 6 in.
8 in. · 10 in. · 12 in.

Overall length: 12–240 in. range; length confirmed in the quotation.

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.

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.
- Raised-face flanges are intended for steel-to-steel joints; use a gasket suited to the flange facing, class and service.

Engineering Review / RFQ Required For

- All orders: quoted after engineering review
- 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/316ss-hose-316ss-braid-300-flanged/
SKU	FP-MH-316-316-FLG300-FLG300
Ordering mode	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