# 316SS Double-Braided Metal Hose Assembly — 150# Flange x 150# Flange

SKU **FP-MH-316-316-FLG150-FLG150** · 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** | **150# Flange**<br>Fitting material: 316 Stainless Steel (both ends) |
| **Flange** | Class 150 · 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-150-flanged/ |
| **SKU** | FP-MH-316-316-FLG150-FLG150 |
| **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**<br>☐ Approved ☐ Approved as noted ☐ Revise and resubmit ☐ Rejected | Reviewer / date / stamp |