FLEXIBLE CONNECTIONS FOR DEMANDING SERVICE

Corrugated metal hose & braid.

Stainless steel hose for process piping, pump connections and thermal transfer applications.

METAL HOSE / BRAID / CUSTOM ASSEMBLIES



01

Manage vibration

Flexible metal hose helps absorb equipment vibration and noise.

02

Allow movement

Accommodate equipment motion and piping offsets where rigid connections are impractical.

03

Select for service

Choose alloys and assembly designs for corrosion and temperature demands.

Configure the connection around your system.

Hose: 304L, 321 or 316L stainless steel · **Braid:** 304 or 316L stainless steel

Bare, single-braided and double-braided options, plus braided braid on select sizes.
Threaded, flanged, grooved and welded end connections.

Start with your application. Request a quote from Vital Hose.

SELECTION & ASSEMBLY OPTIONS

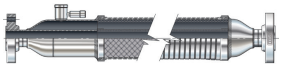
Matched to your application.

Select the series, alloy, braid and end connections for your service conditions.

SERIES	NOMINAL I.D.	CONSTRUCTION / SELECTION
PL	1/4–4 in.	Lightweight; high flexibility; standard pitch.
PLC	1/4–2 in.	Lightweight; extreme flexibility; compressed pitch.
PM	1/4–4 in.	Medium weight; medium flexibility; standard or compressed pitch.
SM	1/4–16 in.	Broad diameter range, including larger hose sizes.
SH	1/4–6 in.	Heavyweight; medium flexibility; close pitch.

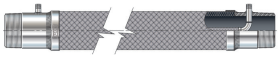
Nominal inside diameters. Materials and braid configurations vary by series and size.

More than a standard hose.



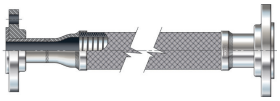
Jacketed

Heating or vacuum insulation for thermal and cryogenic transfer.



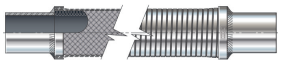
Traced

An internal tracer carries a heating medium to maintain product flow.



Lined

An internal liner helps control flow-induced vibration at high velocity.



Guarded

An outer guard helps protect against handling damage and abrasion.

Request a tailored quote.

Send Vital Hose your drawing, existing assembly details or the following:

Media · Temperature · Pressure / vacuum
Hose I.D. · Overall length · End connections
Movement · Connection orientation
Quantity · Testing / cleaning requirements

Assembly ratings depend on hose, braid, fittings, attachment method and service conditions. Catalog pressure ratings are at 70°F; elevated temperature and pulsation require review. Confirm material compatibility, bend radius, live length and installation before use.