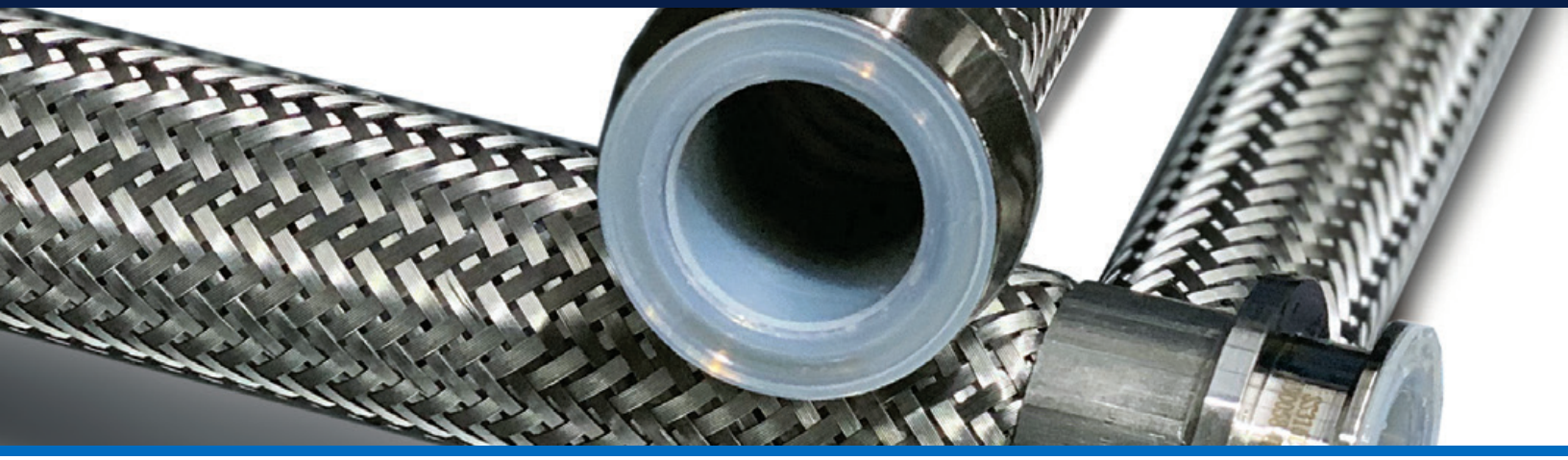
PRECISION PRODUCT LINE / FLUOROPOLYMER HOSE

PTFE hose & assemblies.

Flexible fluoropolymer-lined hose for chemical transfer, clean process systems and demanding pressure service.

SMOOTHBORE / CONVOLUTED / FLARE-THRU



01

Chemical resistance

PTFE liners support chemical transfer across a broad range of media. Confirm compatibility of the complete hose assembly.

02

Clean flow paths

Smoothbore constructions offer a clear flow path and easier cleaning for specified process, food and pharmaceutical applications.

03

Flare-thru protection

HC and SC flare-thru assemblies extend the PTFE liner through the end connection to protect wetted fittings from corrosion.

Built around your hose duty.

Liners: Virgin or conductive PTFE; selected post-sintered options for gas service.
Ends: Flanges, camlocks, sanitary, NPT and JIC connections, depending on series.
Options: Stainless or selected polymer braids, vacuum wire and protective covers.

Send your application details. Request a quote from Vital Hose.

HOSE SERIES & ASSEMBLY OPTIONS

Match the construction to the duty.

Compare bore profile, flexibility, pressure service and the required end connections.

SERIES	CATALOG SIZE (IN.)	CONSTRUCTION / SELECTION
HC - heavy wall	1/4 to 6	Convoluted PTFE; flare-thru or crimped assemblies for process service.
SC - smoothbore convoluted	1/2 to 2	Smooth liner with convoluted outside profile; flare-thru or non-flared ends.
SB3 / SB4	SB3: 3/16 to 1-1/4 SB4: 1/4 to 1-1/4	Smoothbore PTFE with .030 in. or .040 in. tube wall; virgin or conductive liner.
CV / CC	1/4 to 2	Helically convoluted PTFE for flexibility; virgin or conductive liner.
CTV / CTC	1/2 to 2	Tape-wrap, fiberglass-reinforced PTFE. Not for steam / cold-water cycling.
HP / HPP **HD / HDP**	HP: 1/4 to 1-1/2 HD: 1/4 to 1	HP up to 5,000 psi; HD up to 6,000 psi.* Post-sintered variants for gas service.

*Catalog hose pressure maxima are not ratings for every size or assembly. Limits depend on temperature, braid / cover and end fittings. Sizes are catalog designations; actual bores vary. Confirm dimensions, vacuum capability and the complete assembly rating.

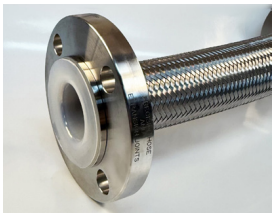
Define the assembly, not just the hose.

Connections & protection

HC/SC flare-thru choices include flanges, camlocks and sanitary ends. Match other fittings, cover and vacuum-wire options to the series.

Testing & documentation

Specify required tests and records. Precision states its assemblies are tested and supplied with a serial-numbered test certification.



Flare-thru PTFE-lined flange

Request a tailored quote.

Send Vital Hose a part number, drawing or the following:

Media · Pressure / vacuum · Temperature
Hose size · Overall length · End connections
Static / dynamic duty · Conductivity
Cover / protection · Quantity · Required tests

Confirm all operating limits and application approvals. Follow the manufacturer’s installation instructions; maintain minimum bend radius, support the hose and avoid abrasion or twisting.