

HOSE ASSEMBLIES

by OmegaFlex

- Designed
- Fabricated
- Cleaned
- Tested
- Performance Validated
- Material Certified
- Packaged*

to meet your requirements

CHLORINE TRANSFER HOSE

- Monel 400 hose and braid
- Meets Chlorine Institute specifications
- Fully tested and prepared for shipping

Tough demanding applications such as chlorine transfer require a precision fabricated hose assembly that meets the requirements of The Chlorine Institute Pamphlet 6. OmegaFlex fabricates Chlorine Transfer hoses utilizing Monel 400. Monel 400 has excellent resistance to dry chlorine gas. Hose assemblies are fabricated using a single or double layer of Monel braid. A stainless steel interlock casing is provided to protect the braid from damage. Chlorine Transfer hoses are supplied with fittings of Monel 400 Schedule 80 material in either pipe nipple or with stub ends and steel floating flanges.

When specified, Chlorine Transfer assemblies are tested, cleaned, ends capped, bagged and tagged per The Chlorine Institute requirements.

*Special packaging quoted as an additional charge.

CARGO TRANSFER HOSE

- Large diameters and long overall lengths
- 304, 321 or 316L stainless steel
- Certification to USCG Requirements available

Cargo Transfer Hoses are commonly used to transfer ship to shore media such as chemicals, asphalt and oil products. OmegaFlex's custom hose fabrication department can supply your requirements for Cargo Transfer Hoses. We have the ability to fabricate large diameter hoses such as 6", 8", 10", 12", 14" or even 16" in lengths of 40 feet or more.

When specified, Cargo Transfer Hoses can be fabricated and certified to meet USCG requirements.

FORMEX HOSE

- Unique hose properties
- Easy installation
- Sizes ¼" to 2"

Hose assemblies utilizing OmegaFlex Formex hose allow easy installation even in the most difficult applications. This unique hose design may be bent into intricate patterns prior to installation. The hose will turn corners, bend around obstructions and may be preformed to fit your machinery without ovalizing or compromising its fluid handling capabilities.

Formex hose assemblies are available in 304, 321 or 316L stainless steel materials. The hose is normally provided with a single layer of braid and a wide variety of end fittings are available. If your application requires flexure cycle life or desirable "stay-put" bend characteristics, then OmegaFlex Formex hose may be your problem solver.

JACKETED HOSE

- Keep cryogenic liquids cold
- Increase flow of viscous media
- Safety containment

A Jacketed or Duplex hose assembly is a hose within a hose. Both inner and outer hoses act independently as separate pressure carriers. Vacuum Jacketed hose assemblies are typically found in cryogenic applications because of their insulation properties. Steam Jacketed hose assemblies are utilized when the media is viscous and steam is used to help reduce viscosity and increase flow.

Jacketed hoses are also used in applications where containment of the media is critical in case of rupture of the inner hose. Contact OmegaFlex with your specification and we will engineer a specialty Jacketed Hose assembly for you.

OXYGEN LANCE HOSE

- Large size range available
- Customized to meet critical application requirements
- Cleaned and capped for commercial oxygen service

Critical applications such as supplying commercial oxygen require expertise of an experienced metal hose manufacturer. OmegaFlex Oxygen Lance Hose is fabricated to meet this critical application when specified, our fabrication department can customize the hose assembly, available in sizes through 16", to include a liner (to reduce turbulence resulting from high velocity), reinforced ends, casing or special end fittings. Each hose assembly, is cleaned and capped for commercial oxygen service.

HIGH PRESSURE HOSE

- Engineered designs
- Precision fabrication
- Pressures higher than published ratings

OmegaFlex has the capability to design hose assemblies to meet pressures higher than published ratings. If your requirements exceed published criteria, contact OmegaFlex to determine if a proper hose and braid design can be engineered to meet your specification.

VIBRATION ABSORBERS

- UL recognized for refrigeration applications
- All bronze construction
- Female sweat fittings

OmegaFlex Vibration Absorbers are available to fit copper tubing O.D. sizes from ¼" through 3 ⅝". Construction utilizes copper alloy C51000 (95/5) core and commercial bronze C22000 (90/10) braid. Each Vibration Absorber is precision fabricated, then cleaned, dried and sealed in bags for use in refrigeration and air-conditioning systems. Vapor barrier covers are also available.

Contact OmegaFlex for a copy of the Vibration Absorber brochure.