

Allied Fluid – CHEM ONE™ Chemical Transfer Hose

Overview

The CHEM ONE™ Chemical Transfer Hose by Allied Fluid is designed for the safe and efficient transfer of a wide variety of industrial chemicals. Built to withstand harsh handling and aggressive media, CHEM ONE™ ensures long service life and process reliability in the most demanding chemical applications.

Key Features

- Rated for use with over 98% of industrial chemicals.
- Handles acids, bases, solvents, and aggressive chemical blends.
- Spiral-ply construction ensures kink resistance and flexibility.
- Full vacuum capability for suction and delivery applications.
- Durable EPDM or UHMWPE liners with chemical and abrasion resistance.
- Static wire for full grounding and safe chemical transfer.
- Crimped or banded end fittings with customizable threading.

Technical Specifications

- Tube: UHMWPE (ultra-high-molecular-weight polyethylene) or EPDM.
- Reinforcement: Spiral synthetic yarn with embedded grounding wire.
- Cover: Blue EPDM or Green Chem-Flex jacket.
- Temperature Range: -40°F to +212°F (-40°C to +100°C).
- Working Pressure: Up to 200 PSI (varies by size).
- Sizes Available: 1" to 4" diameter.
- Lengths: Custom lengths available up to 100 feet.
- End Connections: NPT, Camlock, Flanged, or Sanitary Tri-Clamp.

Ideal Applications

- Bulk chemical loading/unloading.
- Tanker truck and railcar transfer.
- Chemical processing plant transfer lines.
- Acid and caustic handling systems.
- General industrial fluid transfer.