CHEMICAL RESISTANCE
Resilient against virtually all commercial chemicals, acids, alcohols, coolants, elastomers, hydrocarbons, solvents, synthetic compounds and hydraulic fluids.

HIGH TEMPERATURE
Rated for steam up to 250 psi (406°F) - has low volumetric expansion characteristics - easy to clean and sterilize.

SHOCK RESISTANCE
Not affected by continuous flexing, vibration or impulse pressures - withstands alternating hot and cold cycling

FLEXIBLE AND LIGHT
Easier to move, handle and install than rubber hose with a comparable burst pressure rating.

HIGH FLOW RATES
The low coefficient of friction of Teflon® and anti-stick properties lowers pressure drop while preserving good service pressures.

STATIC DISSIPATION
Optional conductive liner for removing static build up through the flow path.

NON-CONTAMINATING
Will not contaminate material, fluid or gas conducted - Teflon® is an FDA recognized material for food handling and pharmaceutical applications.

NON-ADHESIVE
Handles substances such as adhesives, asphalt, dyes, greases, glue, latex, lacquers and paints with ease.

MOISTURE RESISTANCE
No moisture absorption, ideal as a pigtail in bulk gas handling and pneumatic systems where a low dew point is critical.

RESISTS DETERIORATION
Impervious to weather and can be stored for extended periods of time without aging. It will not age during service.

Teflon® is a registered trademark of DuPont.
**DuraFlex’s SPH Series Hose** is a high quality engineered flexible metal braided hose with a smooth inner liner of extruded PTFE. The assembly is reinforced with a layer of stainless steel braid. A smooth liner of PTFE is locked in place and flared over the flange faces. The PTFE liner is stationary and will not move once locked into position. Special vent holes in the ends prevent gas build-up between the layers.

**Applications**
- Maintain batch purity and eliminate cross contamination
- Vibration elimination in piping systems
- Chemical transfer
- Large diameter smooth bore
- Slight misalignment in lined piping

**Advantages**
- Smooth liner, with no entrapment areas
- High Flow rates
- Easily cleaned
- Available in larger diameters
- Fluoropolymer protection against chemical attack throughout the entire assembly length

**CONVOLUTED PTFE TUBING**

DuraFlex’s CPH Series Hose is constructed from convoluted, heavy wall, seamless extruded virgin white or black conductive PTFE tubing. The convoluted tubing is reinforced with a heavy duty stainless steel wire braid. It is only available as a flanged unit as the convoluted tube is flared over the flange retainer or gasket area, which effectively isolates the flange from the media. The media in the flow path has direct contact only with the PTFE.

Our CPH Series Hose is ideal for applications where internal corrosion of the hose, fitting and potential contamination of the media is not permitted.

**Applications**
- Chlorine Transfer Hose
- Sanitary and high purity service
- Transfer of a wide range of chemicals
- Short assembly specifications
- Vibration elimination for chemical pump connections

**Advantages**
- Internal corrosion of fittings are eliminated
- No metallic contamination or transfer chemical from fitting
- Helical convolutions aids in easier drainage and cleaning
- Eliminates crevice corrosion from flange insert in hose
- No gaskets required - seal is made directly on the flare

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_Toll Free 877.462.1007_  
_Fax 847.462.1450_  
_24/7 Emergency Service 847.337.9459_  
_765 Industrial Drive_  
_Cary, IL 60013_  
_Email info@duraflexinc.com_