



Pressure Testing & Pumping Solutions

Coflexip Hoses • Pressure Test Units • HPHT Iron • Fluid Storage Solutions

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Why use Coflexip hoses?

Coflexip hoses have many advantages over hard pipe:-

- Flexible - easier to handle
- No couplings or swivels to leak
- Unmatched strength and crush resistance
- Exceptional abrasion and fatigue resistance
- Zero maintenance
- Dampens vibration
- Minimal internal friction

1502 Coflexip hoses are all 20m x 3" ID rated to 10,000 psi (68.94 mpa) working and 15,000 psi (103.42 mpa) test. They all contain Coflon liners.

The table below details the hose's resistance to treating fluids at various temperatures. If you intend to pump other fluids or at temperatures outside the range below please check with us first.

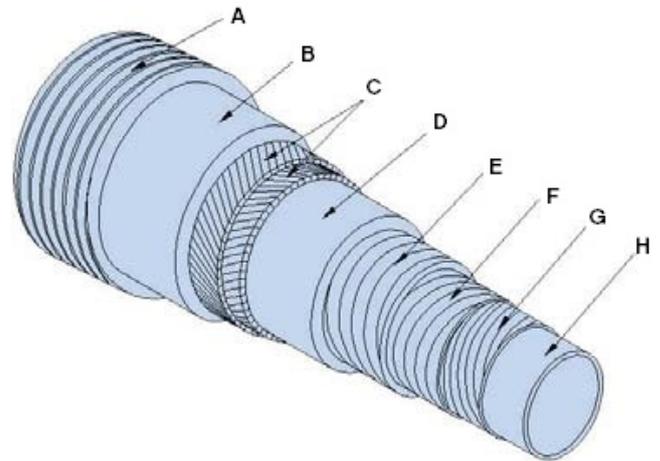
| FLUID | Concentration | -18°C | 24°C | 66°C | 93°C | 121°C |
|--|---------------|-------|------|-------|-------|-------|
| | | 0°F | 75°F | 150°F | 200°F | 250°F |
| Hydrochloric acid HCl | 15% | S | S | S | S | S |
| | 30% | S | S | S | S | S |
| Hydrofluoric acid HF | 3% | S | S | S | S | S |
| | 7.5% | S | S | S | S | S |
| Xylene C ₆ H ₄ (CH ₃) ₂ | 100% | S | S | S | S | S |
| Methanol CH ₃ OH | 100% | S | S | S | S | S |
| Glycol | 100% | S | S | S* | L* | NR* |
| Zinc bromide ZnBr ₂ | saturated | S | S | S | S | S |
| Calcium Bromide CaBr ₂ | saturated | S | S | S | S | S |
| Calcium chloride CaCl ₂ | saturated | S | S | S | S | S |
| Methane CH ₄ | 100% | S | S | S | S | S |
| Diesel | 100% | S | S | S | S | S |
| Crude oil | 100% | S | S | S | S | S |
| Sodium hydroxide NaOH | 50% | S | S | L | NR | NR |
| Hydrogen sulphide H ₂ S | < 20% | S | S | S | S | S |

S: Satisfactory NR: Not Recommended L: Limited use F: Forbidden* Line must be vented

Information on hose construction, features and chemical resistance is taken from the [Technip](#) website . For more information download the [Flexible Pipe](#) and [Coflexip User's Guide](#) documents.

[1502 Pty Ltd](#)

Rugged Construction



- A. Stainless steel outer wrap protects the hose from mechanical damage
- B. Thermoplastic layer protects against corrosion and external pressure
- C. Cross wound tensile armour resists axial load and torsion
- D. Intermediate Thermoplastic Layer improves hose movement
- E. Flat steel spiral reinforces the zeta layer below(F)
- F. Zeta Spiral protects hose from hoop stress and limits bend radius
- G. Aramid tape reinforces the thermoplastic liner below (H)
- H. Thermoplastic inner liner holds pressure and resists corrosive chemicals