

## Composite Hose - Chemical

### Composite Hose - Code 969

**Part No.:** CH-969

**Colour:** Orange / Blue Stripe

**Inner Wire:** Stainless Steel

**Reinforcement:** Polypropylene Fabric and Films

**Outer Wire:** Galvanised Steel

**Crimping:** Swagged or Wire Whipped

**Size Available:** 1" - 6" (Larger sizes upon Request)

**Temperature:** -20°C +80°C

**Type:** 2/3

**Grade:** 2

**Electrical kind:** A - Continuous

Low | Med | High

Flexibility

Cycle Life

Pressure Rating

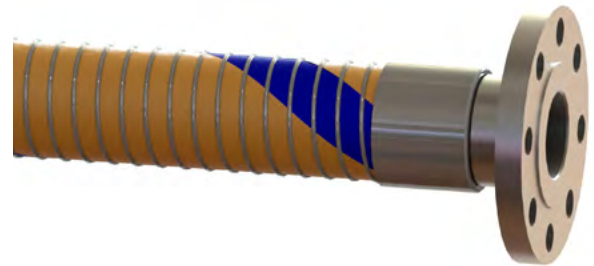
Chemical Resistance

Wall Thickness

### Construction

**Use:**

Manufactured from multiple layers of polypropylene fabrics and films. The inner wire helix is stainless steel 316. The outer wire helix is galvanised steel. Again, CODE 969 is typically used in applications involving plant transfer of liquid chemicals, vegetable and mineral oils and loading and unloading of these products to and from, road tankers, rail tankers and marine tanker ships.



**Applicable Standards**

AS2117, BSEN13765: Type 3, BS5842:1980, AS2594

### Specifications

Part Number	Nominal Dia.			Max. Working Pressure		Max. Burst Pressure		Min. Bend Radius	Weight Per Mtr
	Inches	I.D (mm)	O.D (mm)	kPa	psi	kPa	psi	mm	kg.
CH-969-25	1"	25	38	1400	203	5600	812	100	0.9
CH-969-32	1 1/4"	32	45	1400	203	5600	812	125	1.3
CH-969-40	1 1/2"	39	50	1400	203	5600	812	140	1.5
CH-969-50	2"	51	65	1200	174	4800	696	170	1.9
CH-969-65	2 1/2"	63	78	1000	145	4000	580	200	3
CH-969-75	3"	76	92	1000	145	4000	580	270	3.4
CH-969-100	4"	102	120	1000	145	4000	580	340	6.5
CH-969-150	6"	152	180	1000	145	4000	580	700	12.4

Safety Factor: 4:1 Standard Duty. (Burst Pressure: Working Pressure)

### Applications

