

## Composite Hose - Chemical

### Composite Hose - Code 951

**Part No.:** CH-951

**Colour:** Standard Grey / Red Stripe

**Inner Wire:** Polypropylene Coated Steel

**Reinforcement:** Polypropylene Fabric and Films

**Outer Wire:** Galvanised Steel

**Crimping:** Swagged or Wire Whipped

**Size Available:** 1" - 4"

(Larger sizes upon Request)

**Temperature:** -20°C +80°C

**Type:** 2/3

**Grade:** 2

**Electrical kind:** B - Discontinuous

Low | Med | High

Flexibility

Cycle Life

Pressure Rating

Chemical Resistance

Wall Thickness

### Construction

#### Use:

Manufactured from multiple layers of polypropylene fabrics and films. Some typical applications are in 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-951-25	1"	25	38	1400	203	5600	812	100	0.9
CH-951-32	1 1/4"	32	45	1400	203	5600	812	125	1.3
CH-951-40	1 1/2"	39	50	1400	203	5600	812	140	1.5
CH-951-50	2"	51	65	1200	174	4800	696	170	1.8
CH-951-63	2 1/2"	63	78	1000	145	4000	580	200	2.7
CH-951-75	3"	76	92	1000	145	4000	580	270	3.3
CH-951-100	4"	102	120	1000	145	4000	580	340	6.3

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

### Applications

