



# Sitcoflex pressure tight stripwound metal hose

## description

Pressure-tight technical hose made by helically winding a pre-formed strip into a fully interlocked hose and inserting into the lock a composite packing for fluid tightness.

## principal applications

Conveyance of corrosive fluids, bitumen, oxygen, steam, abrasive and pulverized products.

## materials of construction

Galvanised steel

Stainless steel AISI 304

## pressure

The nominal working pressure stated has a safety measured with burst pressure of 3. the burst pressure is measured with the hose being straight and motionless under internal hydrostatic pressure at +20 °C temperature.

## temperature

Up to +230 °C to keep the hose leak proof.



## fitting attachment

We strongly recommend the use only of packed on reattachable fittings if hose is to be used for liquid use.

Welding of this hose is not recommended as the welding process could damage the packing in the hose creating a leak path.

## testing

All hoses tested in "normal" conditions at a test pressure equal to 1.5 times the working pressure.

## standard supply lengths

19-150mm	10 to 15 meters
175-200mm	9 meters

## product code

Galvanised	HPIGL_ _ _
Stainless	HPISS_ _ _

nominal bore			nominal pressure		bend radius mm			
Inside		outside	bars		static		dynamic	
mm	inches	mm	galv	stainless	galv	stainless	galv	stainless
19	3/4"	24	31	46	130	150	170	180
25	1"	30	27	31	140	205	215	215
32	1 1/4"	37	22	36	170	230	255	255
38	1 1/2"	45	20	32	220	280	355	355
44	1 3/4"	52	18	28	225	315	400	400
50	2"	57	17	26	275	340	430	430
57	2 1/4"	65	16	26	305	405	455	455
63	2 1/2"	71	16	24	325	430	485	485
75	3"	83	14	22	360	485	565	565
90	3 1/2"	98	12	20	440	545	670	670
100	4"	110	11	19	470	575	750	750
127	5"	137	10	17	535	660	940	940
150	6"	162	9	16	675	825	1075	1075
175	7"	187	5	8	900	900	1200	1200
200	8"	215	4	7	1050	1050	1400	1400