



Sitcoflex

stripwound metal hose

description

Hose made by helically winding a preformed metal Strip into a deep locked square profile. A packing fed into the section makes the hose air tight up to 1 bar (100 kPa) pressure – see below.

The deep lock helps to stop the hose unwinding and allows better for the hose when installed in the vertical plane.

ADL can be reinforced by wire braid.

principal applications

Ideal hose for applications requiring a very supple and flexible hose. Suitable for conveyance of dust, Sawdust, shavings, fume extraction and hot gas.

materials of construction

Standard manufacture is galvanised steel however for special applications and quantities stainless steel (AISI 304) is available.



temperature

From -50 °C to +250 °C to keep the hose sufficiently leak proof.

pressure capability

whilst this hose cannot be expected to retain gas or materials under pressure, it can generally be used for pressure up to 1 bar (100 kPa) where the discharge end of the hose is open ended.

supply lengths – standard

90-102mm	9, 15 meters
114-150mm	7.5, 9 meters
175-200mm	5 meters
230-305mm	3 meters

product code

ADLGL_ _ _

nominal bore		outside mm	bend radius		weight kg per meter
inside mm	inches		theoretical mm	practical mm	
90	3 1/2"	100	210	290	3.30
102	4"	114	220	310	3.50
114	4 1/2"	126	265	345	4.00
127	5"	139	275	350	4.10
140	5 1/2"	153	280	355	5.00
152	6"	165	330	460	5.75
178	7"	191	360	500	6.50
203	8"	216	400	600	7.40
230	9"	245	450	650	11.00
254	10"	270	500	700	14.00
305	12"	320	600	850	19.00