# 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 Iinside		bend radius		weight
inches	mm	mm	mm	kg per meter
3 1/2"	100	210	290 210	3.30 3.50
4 1/2"	126	265	345	4.00
5" 5 1/2"	139 153	275 280	350 355	4.10 5.00
6" 7"	165 191	330 360	460 500	5.75 6.50
8"	216	400	600	7.40
9" 10" 12"	245 270 320	450 500 600	650 700 850	11.00 14.00 19.00
	inches 3 1/2" 4" 4 1/2" 5" 5 1/2" 6" 7" 8" 9" 10"	outside mm3 1/2"100 4"4"1144 1/2"126 5"5"1395 1/2"153 6"6"165 7"7"191 8"8"216 9"9"245 10"	outside mmtheoretical mm3 1/2"1002104"1142204 1/2"1262655"1392755 1/2"1532806"1653307"1913608"2164009"24545010"270500	outside mmtheoretical mmpractical mm3 1/2"1002102904"1142203104 1/2"1262653455"1392753505 1/2"1532803556"1653304607"1913605008"2164006009"24545065010"270500700

for further information on **SITCOFLEX** e-mail : sales@sitflexible.com / info@sitflexible.com / sales@sithydraulic.com web : www.sitcoflex.com

