



WHITEHOUSE
FLEXIBLE TUBING LTD

GALVANISED STEEL GRIPLOCK



Construction

Griplock is made from a single metal strip that is wrapped round a mandrel with a fully interlocked section. This stripwound metal hose construction provides:

EXCELLENT FLEXIBILITY / HIGH MECHANICAL STRENGTH / GREAT FLOW CHARACTERISTICS

Primary Applications

Griplock is a highly versatile hose that is used extensively in industry particularly for:

DUCTING & EXTRACTION / EXHAUSTS / MATERIAL HANDLING / PROTECTIVE CASINGS etc.

Max Operating Temperature

+500 Degrees 'C' Max

[Order non-standard lengths here](#)

*Please note the diameters listed below are all **inside diameters**. Please check this before ordering.

We can manufacture to intermediary sizes where required. If your size is not listed, please contact us.



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TECHNICAL DATA

I/D INCHES	I/D MM	O/D MM	INSIDE BEND RADIUS	WEIGHTS (KG) PER 100M
1/4"	6	9	25	16
5/16"	8	11	30	18
3/8"	10	13	33	23
1/2"	12	16	45	30
5/8"	16	20	55	33
3/4"	20	24	59	34
7/8"	22	26	63	40
1"	25	29	78	49
1.1/8"	28	32	90	62
1.1/4"	32	36	96	75
1.3/8"	35	39	103	88
1.1/2"	38	42	110	101
1.5/8"	41	45	115	108
1.3/4"	45	49	123	118
1.7/8"	48	52	129	126
2"	51	56	135	135
2.1/8"	54	59	143	137
2.1/4"	57	62	150	139
2.3/8"	60	65	158	141
2.1/2"	63	68	165	142
2.3/4"	70	75	180	168



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3"	76	82	195	225
3.1/8"	79	85	260	230
3.1/4"	83	89	269	245
3.3/8"	86	92	280	252
3.1/2"	89	95	290	261
3.5/8"	92	98	302	270
3.3/4"	95	101	312	285
3.7/8"	98	104	322	292
4"	102	108	328	310
4.1/4"	108	114	350	315
4.1/2"	114	120	369	325
4.3/4"	121	127	386	333
5"	127	133	403	340
5.1/2"	140	146	446	380
6"	152	158	485	419
7"	178	184	560	485
8"	203	209	640	550
9"	229	235	718	615
10"	254	260	797	680
11"	279	285	873	760
12"	305	311	950	840
13"	330	336	1030	898
14"	356	362	1112	955
15"	381	387	1188	1025
16"	406	412	1268	1090
17"	432	438	1348	1160
18"	457	463	1425	1225



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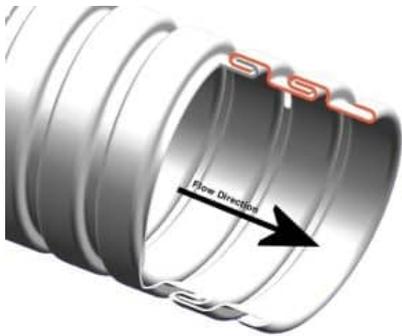
19"	483	489	1504	1290
20"	508	514	1582	1360

APPLICATIONS

Griplock tubing has a high tensile strength and strong resistance to crushing. This tube is particularly well suited to absorbing vibration, thermal expansion and noise attenuation. Ducting of air, smoke, fumes, etc. Dry bulk handling; ash, dust, paper trim, grain, plastic pellets etc. Protective capillary casing of instrument cables, wires etc.

SPECIAL FEATURES

Manufacturing tolerances - All metallic tubing is manufactured to ID sizes, tolerances are + 0.5mm, - 0.0mm - up to 76mm ID, + 1.0mm, - 0.0mm - anything over 76mm ID



Flow Direction

Our Griplock tubing provides a smooth surface particularly in one direction due to the design of its section. We recommend that our customers ensure that the media flow through our tubing follows the Flow Direction of the Hose. There are many benefits to this including protection of the media and tube in addition to ensuring Optimum Flow Characteristics. In addition, it helps prevent damage to the media or tube when used in conjunction with abrasive materials such as plastic pellets.

Flexibility

Griplock is available 'Loose / Floppy', 'Stiff / Stayput' up to 76mm ID. If it is not required to be especially floppy or stayput the tubing is supplied with Medium Flexibility (Mid Flex) as standard. All sizes over 76mm ID will be supplied mid-flex. Please state the flexibility required in the notes section when placing your order.

Stiff

By 'squashing' the tube during manufacture it creates a stiff product tube with increased air tightness & 'stayput' properties

Midflex

Our standard product is manufactured 'midflex' which is most popular and is ideal for most applications.



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Floppy

By loosening the pressure on the tools during manufacture we produce a tube with maximum flexibility that moves freely.