



WHITEHOUSE
FLEXIBLE TUBING LTD

STAINLESS STEEL GRIPLOCK



Griplock tubing has high tensile strength and strong resistance to crushing. This tube is particularly well suited to;

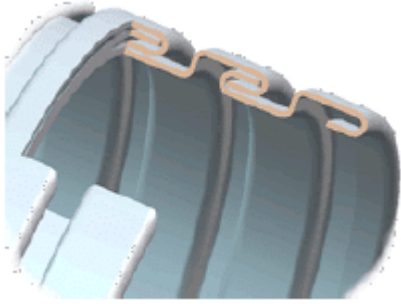
- Absorbing vibration, thermal expansion and noise attenuation.
- Ducting of air, smoke, fumes, etc.
- Dry bulk handling; ash, dust, paper trim, grain, plastic pellets, etc.
- Protective capillary casing of instrument cables, wires, etc.

[Order non-standard lengths here](#)



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PRODUCT DESCRIPTION



Construction

Stainless steel griplock is made from austenitic stainless steel type 304 S16 to BSS.1449 (type 316 can be used on request). It is manufactured by winding profiled strip into a tube and completely interfolding the edges.

Typical Applications:

Griplock tubing has 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

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.

Griplock Section

- **Max Operating Temperature:** +650 Degrees C



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ADDITIONAL INFORMATION

Weight	N/A
diameter	6mm, 8mm, 10mm, 12mm, 16mm, 20mm, 22mm, 25mm, 28mm, 32mm, 35mm, 38mm, 41mm, 45mm, 48mm, 51mm, 54mm, 57mm, 60mm, 63mm, 70mm, 73mm, 76mm, 79mm, 83mm, 86mm, 89mm, 92mm, 95mm, 98mm, 102mm, 108mm, 114mm, 120mm, 127mm, 133mm, 140mm, 152mm, 178mm, 203mm, 229mm, 254mm, 279mm, 305mm, 330mm, 356mm, 381mm, 406mm, 432mm, 457mm, 483mm, 508mm
length	2m, 10m

TECHNICAL DATA

I/D INCHES	I/D MM	O/D MM	INSIDE BEND RADIUS	WEIGHT KG. PER 100 MTRS
1/4 ²	6	8	33	10
5/16 ²	8	10	40	15
3/8 ²	10	12	49	18
1/2 ²	12	15	68	23
5/8 ²	16	19	73	31
3/4 ²	20	23	79	34
7/8 ²	22	25	85	38
1 ²	25	28	90	40
1.1/8 ²	28	32	115	48



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1.1/4?	32	36	120	55
1.3/8?	35	39	125	60
1.1/2?	38	42	130	65
1.5/8?	41	45	142	70
1.3/4?	45	49	153	77
1.7/8?	48	52	164	82
2?	51	55	175	87
2.1/8?	54	59	189	97
2.1/4?	57	62	204	103
2.3/8?	60	65	218	108
2.1/2?	63	68	232	114
2.3/4?	70	75	260	126
2.7/8?	73	78	262	132
3?	76	81	264	171
3.1/8?	79	85	273	177
3.1/4?	83	89	283	186
3.3/8?	86	92	295	193
3.1/2?	89	95	305	200
3.5/8?	92	98	318	206
3.3/4?	95	101	328	213
3.7/8?	98	104	339	220
4?	102	108	345	229
4.1/4?	108	114	368	242



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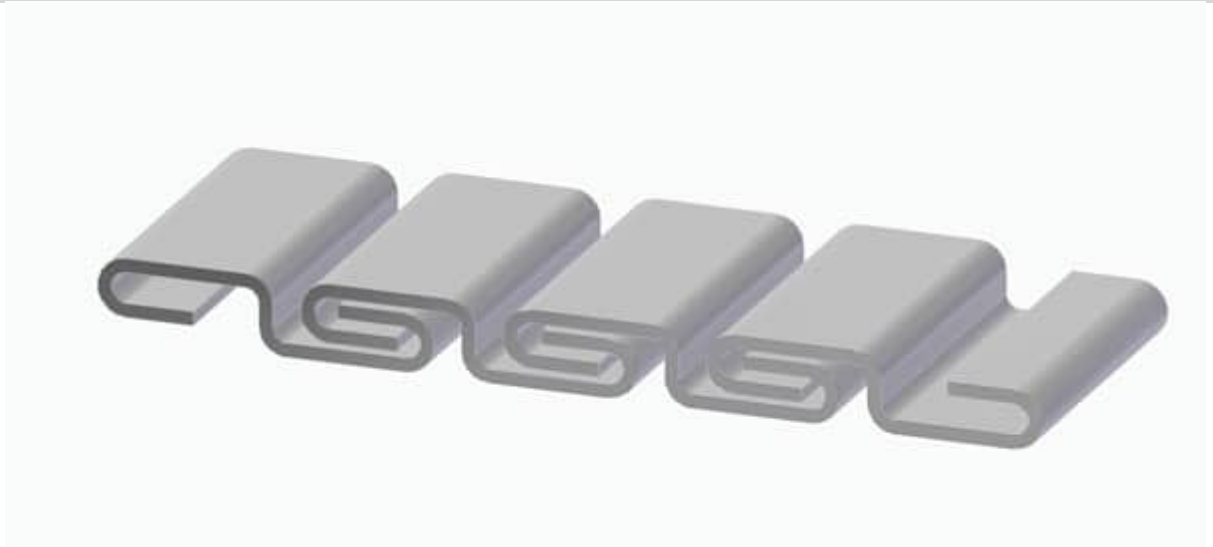
4.1/2 [?]	114	120	388	256
4.3/4 [?]	120	126	406	269
5 [?]	127	133	424	285
5.1/4 [?]	133	139	426	298
5.1/2 [?]	140	146	469	314
6 [?]	152	158	510	341
7 [?]	178	184	590	399
8 [?]	203	209	673	455
9 [?]	229	235	755	514
10 [?]	254	260	838	793
11 [?]	279	285	919	871
12 [?]	305	311	1000	952
13 [?]	330	336	1085	1030
14 [?]	356	362	1169	1111
15 [?]	381	387	1250	1189
16 [?]	406	412	1334	1267
17 [?]	432	438	1418	1348
18 [?]	457	463	1500	1426

CONSTRUCTION



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Construction



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Griplock Section

- **Max Operating Temperature:** +650 Degrees C

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

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

APPLICATIONS

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SPECIAL FEATURES

Special Features

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ASSEMBLIES

We offer a wide range of made to order assemblies. Use our Assemblies RFQ to select from standard end fittings such as;

- Flange
- Threaded end adapter
- Unicorn end
- Plain spigot end
- Other

For non-standard end fittings please select Other and provide details or submit your drawings.

[Assembly RFQ form](#)

NON-STANDARD LENGTHS

[Order non-standard lengths here](#)

VIDEO

<https://flexible-tubing.com/wp-content/uploads/2022/11/griplock-use-example.mp4>

Our Griplock Product in the agricultural sector