

## Flexible Ducting's - Neoprene - Type T3100



### Applications

Ideally suited for low pressure handling of hot and cold air, dust, fumes, heating and ventilation systems together with electrical cable conduit.

An excellent ducting for high temperature applications which other ducting's are unable to handle.

Temperature range from - 50°C + 150°C.

### Options

- Other colours available to order and subject to minimum order quantities.
- Available with wire free cuffed ends
- Stainless steel wire
- Insulation for reduced temperature loss

Please contact the FlexTech sales team for details concerning your particular application.

### 'Other Products'

FlexTech also offer a full range of bespoke hose assemblies from Silicone, PTFE, Metallic & Rubber.

Please contact the office for more information.



## T3100 - Neoprene Ducting

### T3100N1 - Un-Lined Neoprene Ducting...

Constructed from a plated spring steel wire helix covered with a single layer of neoprene coated glass fibre material & reinforced with glass fibre cord.

### T3100N2 - Lined Neoprene Ducting...

Has the same construction but has an additional internal layer of smooth neoprene coated glass fibre material encasing the wire helix and providing a smooth bore ducting.



### Special Features...

- Tight pitch for maximum flexibility.
- Light weight and kink resistant
- Low air friction loss with additional liner

**Colour:-** Standard – Black

**Standard Length:-** 4 metre lengths

**Temperature Range:-** -50°C to + 150°C

Flexible Hose Solutions for Every Application

## Flexible Ducting's - Neoprene - Type T3100



### Technical Information

Type T3100N1 Neoprene Ducting - Unlined						
ID		OD	Weight	Bend Radius	Pressure	Vacuum
Inches	(mm)	G/mtr	(mm)	Bar	mm WS/mm	mm WS/mm
3/4"	19	21.00	80	9	1.50	5300
7/8"	22	24.00	85	11	1.50	5300
1"	25	27.00	120	12	1.40	5300
1 1/4"	32	34.00	130	16	1.40	5000
1 1/2"	38	40.60	165	19	1.40	5000
-	41	43.60	177	21	1.30	4500
1 3/4"	44	46.60	199	22	1.20	4400
2"	51	53.60	250	25	1.20	4400
2 1/4"	57	63.60	280	28	1.10	4000
2 1/2"	63	65.60	300	31	1.10	4000
2 3/4"	70	73.14	395	35	1.10	3500
3"	76	79.14	410	38	1.00	3500
3 1/4"	83	86.14	470	41	1.00	3000
3 1/2"	89	92.14	495	44	0.90	2950
3 3/4"	95	98.14	540	47	0.90	2700
4"	102	105.14	570	51	0.90	2600
-	108	111.14	680	54	0.80	2300
4 1/2"	114	117.14	730	57	0.80	2100
4 3/4"	121	124.14	760	60	0.80	1900
5"	127	130.14	805	63	0.80	1700
5 1/2"	140	143.14	885	70	0.80	1500
6"	152	155.60	1050	76	0.60	1400
-	160	163.90	1090	80	0.60	1200
7"	178	182.10	1210	89	0.60	1000
8"	203	207.10	1380	101	0.50	700
9"	229	233.60	1490	114	0.40	600
10"	254	258.60	1650	127	0.40	500
12"	305	309.60	2000	152	0.10	300

Type T3100N2 Neoprene Ducting - Lined				
OD	Weight	Bend	Pressure	Vacuum
(mm)	G/mtr	(mm)	Bar	mm WS/mm WG
21.60	105	19	2.50	7000
25.20	130	22	2.50	7000
28.20	145	25	2.50	7000
35.20	180	32	2.50	5800
41.20	210	38	2.40	5800
44.20	238	41	2.40	5800
47.20	255	44	2.40	5800
54.74	285	51	2.40	5300
60.74	330	57	2.30	5300
66.74	355	63	2.20	4600
73.74	435	70	2.20	4600
79.74	470	76	2.10	4400
86.74	510	83	2.10	4000
92.74	545	89	2.10	4000
98.74	570	95	2.00	4000
106.20	610	102	1.80	3500
112.20	735	108	1.80	3000
118.20	785	114	1.70	2800
125.70	815	121	1.60	2300
131.70	860	127	1.50	2100
144.70	945	140	1.40	1800
157.20	1100	152	1.10	1700
165.20	1146	160	0.90	1500
183.20	1275	178	0.80	1400
208.20	1390	203	0.60	1000
234.20	1605	229	0.50	800
259.20	1780	254	0.40	700
310.20	2170	305	0.20	500

**NOTE:**

- (i) Lengths detailed above are as standard, however variations may be available subject to minimum order quantities. Weights are approximate dependant upon working tolerance and density of materials.
- (ii) Bending diameter information is intended as a guide to the minimum bend radius at 20°C ambient temperature without restricting the bore. It does not mean that the hose cannot be bent below the given dimensions but restriction is likely to occur.