

STAINLESS STEEL CORRUGATED HOSE



Description

An ISO 10380 specification medium pressure hose.

- Specifically designed to meet the requirements of ISO 10380 flexibility class 1
- Most of the range can be supplied on drums for easy handling or where continual long lengths are needed
- Will convey all manner of liquids and gases
- High physical strength
- Steam
- Good corrosion characteristics
- Suitable for elevated temperature up to 600°C or in cryogenic applications down to -200°C
- Manufactured to BS 6501 Part 1, 1991, Type B flexibility.

Application

- Static installations - where the flexible hose is used to connect pipework out of alignment and remains in a static position
- Occasional flexing - when the hose is required to flex only occasionally, such as manual handling
- Constant flexing - when the hose is required to flex continuously, usually on moving machinery
- Vibration - high frequency, low amplitude movement, eg on a compressor or pump.

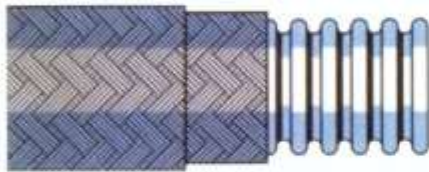
Material

- Tube: BS 1449 Part 2 (1983) 321S31 or 316S11, EN 10088-2 1.4541 or 1.4404 Monel 400 nickel alloy/bronze.
- Braid: 304 or BS 1554 (1990) 304S31 or 316S19.

UFBX 1

ISO 10380 DN		MAX O.D.		BEND RADIUS		MAXIMUM PRESSURE						WEIGHT
MM	INCHES	MM	INCHES	MM	INCHES	WORKING		TEST		BURST		
						BAR	PSI	BAR	PSI	BAR	PSI	KG/M
6	1/4	11.4	.449	110	4.3	167	2420	250	3630	668	9680	.16
8	5/16	13.4	.528	130	5.1	136	1970	204	2960	544	7880	.22
10	3/8	16.3	.642	150	6.0	100	1450	150	2180	400	5800	.27
12	1/2	21.0	.826	165	6.5	74	1075	111	1615	297	4300	.36
15	5/8	23.3	.917	195	7.7	70	1015	105	1523	280	4060	.45
20	3/4	27.4	1.08	200	8.0	65	950	97	1425	260	3800	.52
25	1	35.8	1.41	200	8.0	50	725	75	1088	200	2900	.70
32	1 1/4	43.2	1.70	250	10	39	563	59	845	156	2250	.86
40	1 1/2	50.0	1.97	250	10	35	500	53	750	140	2000	1.2
50	2	64.2	2.53	350	14	30	435	45	653	120	1740	1.5
65	2 1/2	78.6	3.09	410	16	26	377	39	720	104	1920	2.8
80	3	91.9	3.62	450	18	22	320	33	480	88	1280	3.4
90	3 1/2	117	4.62	510	20	20.6	300	30.9	450	82.4	1200	4.1
100	4	129	5.08	560	22	18.4	267	27.6	400	73.6	1068	4.6
125	5	153	6.03	710	28	11.5	167	17.3	250	46.0	668	6.6
150	6	180	7.10	815	32	11.2	-	16.8	243	44.8	648	7.7
200	8	235	9.24	1015	40	7.0	102	11.0	153	28.0	408	10
250	10	292	11.5	1220	48	9.6	140	14.4	210	38.4	560	14.7

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UFBX 2

ISO 10380 DN		MAX O.D.		BEND RADIUS		MAXIMUM PRESSURE						WEIGHT
MM	INCHES	MM	INCHES	MM	INCHES	WORKING		TEST		BURST		KG/M
						BAR	PSI	BAR	PSI	BAR	PSI	
6	1/4	12.8	.504	110	4.3	220	3190	350	4790	880	12760	.24
8	5/16	14.7	.579	130	5.1	210	3045	315	4568	840	12180	.32
10	3/8	17.6	.693	150	6.0	178	2580	267	3870	712	10320	.38
12	1/2	22.4	.880	165	6.5	103	1500	155	2250	412	6000	.53
15	5/8	24.6	.969	195	7.7	125	1810	188	2720	500	7240	.62
20	3/4	29.0	1.14	200	8.0	86	1250	129	1875	344	5000	.77
25	1	37.9	1.49	200	8.0	76	1110	114	1650	304	4440	1.1
32	1 1/4	45.3	1.78	250	10	57	825	85	1237	228	3300	1.3
40	1 1/2	52.2	2.06	250	10	55	800	82	1200	220	3200	1.7
50	2	66.3	2.61	350	14	44	638	66	957	176	2550	2.3
65	2 1/2	80.7	3.18	410	16	46	667	69	1000	184	2670	3.7
80	3	94.1	3.70	450	18	40	580	60	870	160	2320	4.5
90	3 1/2	120	4.72	510	20	27.0	390	40.5	585	108	1560	5.7
100	4	132	5.18	560	22	33.0	480	49.5	720	132	1920	6.4
125	5	156	6.13	710	28	20.7	300	31.0	450	82.8	1200	8.5
150	6	183	7.20	815	32	20.0	290	30.0	435	80.0	1160	9.9
200	8	237	9.34	1015	40	10	145	15	218	40.0	580	13
250	10	-	-	-	-	-	-	-	-	-	-	-