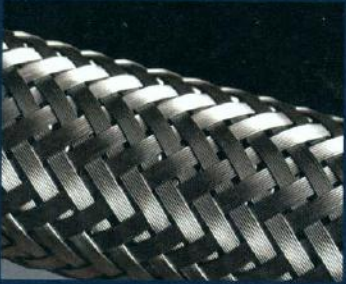


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BRAIDED STAINLESS STEEL HOSE

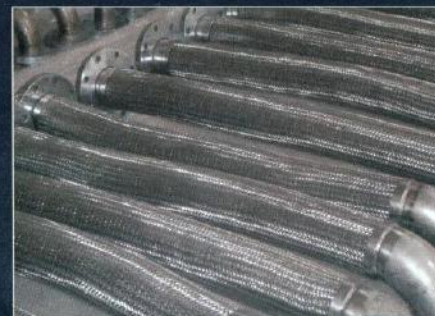
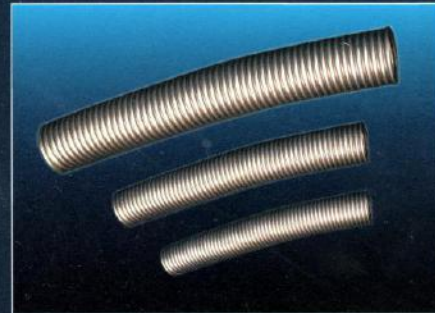
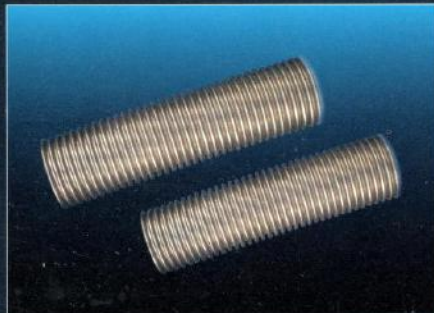
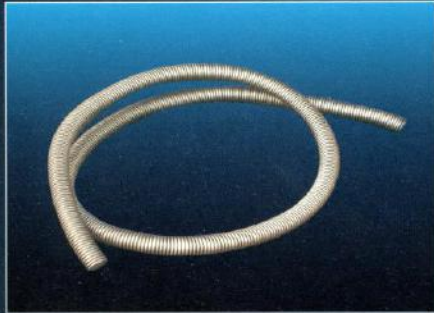
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BRAIDED STAINLESS STEEL HOSE

INTRODUCTION

We are pleased to introduce **INSAPLEX** as a manufacturer of SS / ALLOY steel braided hoses. **INSAPLEX** is a member of the IGP group of Companies based in Chennai, India. **INSAPLEX** enjoys the strength of **INSAP Engineers Pvt. Ltd.**, the leaders in India for hose assembling with 35 years of experience. We are confident of meeting the customer requirements to the entire satisfaction both technical and commercial.



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Annular Hose Parameters

Sl. No.	DN	INCHES	STRIP THICK MM	ID MM	OD MM	BRAID SPECIFICATION WIRE DIA X No OF WIRE X No OF CARRIER	OD WITH ONE BRAID MM	OD WITH TWO BRAID MM	BRAID ANGLE IN DEG (+/-5)	MAXIMUM OPERATING PRESSURE KG/CM.SQ @20DEG C			BENDING RADIUS MM	
										WITH OUT BRAID	WITH ONE BRAID	WITH TWO BRAID	STATIC	DYNAMIC BS 6501 TYPE-C
1	8	1/4	0.20	8.40	12.20	0.30x6x24	13.40	14.60	45	4.0	80.0	120.0	25	100
2	10	3/8	0.20	10.10	14.20	0.30x7x24	15.40	16.60	45	4.0	80.0	120.0	40	150
3	12	1/2	0.20	12.30	16.90	0.30x8x24	18.10	19.30	45	3.0	80.0	120.0	50	200
4	16	5/8	0.20	16.30	21.80	0.30x5x48	23.00	24.20	40	2.0	64.0	96.0	50	200
5	20	3/4	0.20	20.30	26.60	0.30x7x48	27.80	29.00	40	2.0	64.0	96.0	70	200
6	25	1.0	0.20	25.40	32.30	0.30x8x48	33.50	34.70	45	2.0	50.0	75.0	90	200
7	32	1 1/4	0.25	34.30	41.10	0.40x8x48	42.70	44.30	40	1.5	40.0	60.0	110	250
8	40	1 1/2	0.30	40.00	50.50	0.40x9x48	52.10	53.70	45	1.5	30.0	45.0	130	250
9	50	2.0	0.30	50.00	62.00	0.40x12x48	63.60	65.20	44	1.0	28.0	42.0	175	350
10	65	2 1/2	0.30	65.00	77.00	0.50x10x48	79.00	81.00	45	1.0	24.0	36.0	200	410
11	80	3.0	0.30	80.00	95.00	0.50x11x48	97.00	99.00	45	1.0	18.0	27.0	205	450
12	100	4.0	0.30	100.00	117.00	0.50x8x96	119.00	121.00	42	0.8	16.0	24.0	230	560
13	125	5.0	0.40	125.00	151.00	0.50x10x96	153.00	155.00	42	0.6	12.0	18.0	280	660
14	150	6.0	0.40	150.00	180.00	0.50x10x96	182.00	184.00	42	0.6	10.0	15.0	320	815
15	200	8.0	0.50	200.00	240.00	0.60x10x96	242.8	245.60	42	0.5	8.0	12.0	435	1015
16	250	10.0	0.60	249.20	296.00	0.70x12x96	298.80	301.60	42	0.5	6.0	9.0	560	1220
17	300	12.0	0.60	299.20	346.00	0.70x14x96	348.80	351.60	42	0.3	5.0	7.5	660	1420

MANUFACTURING TOLERANCE:

ID & OD Tolerance for DN to DN 40 is ± 1 mm, DN 100 is ± 1.5 mm, and DN 125 to DN 300 is ± 2 mm. Test pressure = (1.5 x max operating pressure@ Normal conditions). Burst pressure = (4x max operating pressure @ normal conditions)Elongation at test pressure shall be less than 3% of initial length & after releasing the pressure, elongation shall be less than 1% of initial length

Refer temperature coefficient chart (ref:BS 6501 PART 1:1991)



BRAIDED STAINLESS STEEL HOSE



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