

TECHNICAL SPECIFICATIONS OF STANDARD HOSE AND BRAID

TYPE OF HOSE	Item code No.	HOSE							BRAID						HOSE+SWB						
		Nominal Size of Hose		Thickness of Strip mm	I.D. mm	O.D. 1 mm	Corrugation per meter	Weight per meter	Wire diameter	Nos. of wires	Carriers	Braid Angle	Braid % coverage	Weight per meter	O.D. 2 mm	Bend radius		Working Pressure kg/cm2	Test Pressure kg/cm2	Burst Pressure kg/cm2	Weight per meter
		NB	mm													Static	Flexing				
MECHANICAL FORMED	HSB1006M	1/4"	6	0.16	6.2 ±0.20	9.6 (±0.2)	500 (±15)	0.076	0.25	6	24	90 (±1°)	97.50	0.073	10.7 ±0.5	25	85	120	180	480	0.149
	HSB1008M	5/16"	8	0.16	8.2 ±0.20	12.1 (±0.2)	455 (±15)	0.087	0.25	7	24	90 (±1°)	95.10	0.079	13.2 ±0.5	32	125	100	150	400	0.166
	HSB1010M	3/8"	10	0.16	10.3 ±0.20	14.3 (±0.2)	385 (±10)	0.112	0.25	8	24	90 (±2°)	94.00	0.102	15.5 ±0.5	38	140	90	135	360	0.214
	HSB1012M	1/2"	12	0.16	12.2 ±0.20	16.7 (±0.2)	322 (±10)	0.118	0.25	10	24	90 (±2°)	96.30	0.122	18.0 ±0.5	45	140	80	120	320	0.240
	HSB1016M	5/8"	16	0.18	16.2 ±0.20	21.6 (±0.2)	278 (±10)	0.192	0.30	11	24	90 (±2°)	95.50	0.205	23.0 ±0.5	58	160	70	105	280	0.397
	HSB1020M	3/4"	20	0.18	20.2 ±0.20	26.8 (±0.2)	278 (±10)	0.245	0.30	9	36	90 (±2°)	96.60	0.249	28.3 ±0.5	70	170	64	96	256	0.494
	HSB1025M	1"	25	0.20	25.4 ±0.25	32.2 (±0.25)	270 (±10)	0.354	0.30	10	36	90 (±2°)	94.60	0.274	33.5 ±0.5	85	190	50	75	200	0.628
	HSB1032M	1 1/4"	32	0.20	34.3 ±0.25	41.1 (±0.25)	270 (±10)	0.444	0.35	8	48	90 (±2°)	93.10	0.403	42.8 ±0.5	105	260	40	60	160	0.847
	HSB1040M	1 1/2"	40	0.23	40.1 ±0.30	49.5 (±0.3)	200 (±10)	0.682	0.35	10	48	90 (±2°)	94.40	0.490	51.2 ±0.5	130	300	35	52.5	140	1.172
	HSB1050M	2"	50	0.25	50.3 ±0.30	60.3 (±0.3)	200 (±10)	0.880	0.40	11	48	90 (±2°)	95.50	0.726	62.5 ±0.5	160	320	30	45	120	1.606
HYDROFORMED	HSB1065H	2 1/2"	65	0.28	65.6 ±0.50	81.0 (±0.5)	110 (±5)	1.064	0.40	11	64	90 (±2°)	95.20	0.920	83.0 ±0.5	180	410	24	36	96	1.984
	HSB1080H	3"	80	0.28	80.3 ±0.50	95.0 (±0.5)	97 (±5)	1.098	0.40	12	64	90 (±2°)	93.20	1.056	97.0 ±0.5	200	450	18	27	72	2.154
	HSB1100H	4"	100	0.28	100.8 ±0.50	117.0 (±0.5)	90 (±5)	1.401	0.50	11	64	90 (±2°)	90.30	1.600	119.0 ±0.5	290	560	16	24	64	3.001
	HSB1125H	5"	125	0.38	125.4 ±0.50	150.0 (±0.6)	72 (±2)	2.667	0.57	10	72	98 (±2°)	87.80	2.220	152.5 ±0.8	325	710	14	21	56	4.887
	HSB1150H	6"	150	0.38	150.8 ±0.50	175.0 (±0.8)	70 (±2)	3.220	0.57	11	72	98 (±2°)	85.00	2.485	177.5 ±1.0	380	815	10	15	40	5.705
	HSB1200H	8"	200	0.40	197.0 ±0.50	225.0 (±0.8)	65 (±2)	4.850	0.67	9	96	102 (±2°)	86.80	4.300	228.0 ±1.0	500	1015	8	12	32	9.150
	HSB1250H	10"	250	0.50	250.4 ±0.50	278.0 (±1.0)	64 (±2)	7.150	0.70	12	96	104 (±2°)	93.70	6.600	281.0 ±1.5	620	1270	7.5	11.25	30	13.750
	HSB1300H	12"	300	0.60	300.2 ±0.50	336.0 (±2.0)	55 (±2)	10.800	0.70	14	96	108 (±2°)	93.20	7.400	339.0 ±2.0	725	1525	6	9	24	18.200

ITEM CODE DETAIL -e.g. HSB1050M

HSB - HOSE WITH SINGLE WIRE BRAID

1 - MATERIAL OF HOSE SS 321

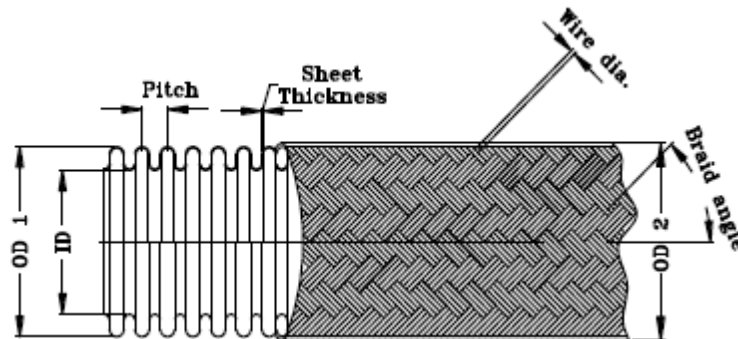
4 - SS 304

6 - SS 316L

050 SIZE OF HOSE , 50 MM INTERNAL DIAMETER

M- MECHANICAL FORMED HOSE

(H- HYDRO FORMED HOSE)



06/03/2020