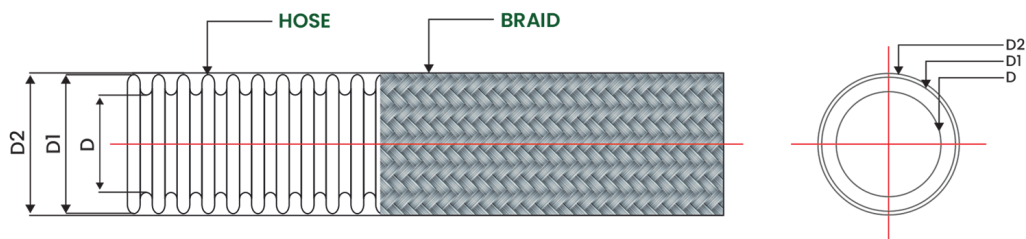


PH 2500 SERIES - HMH



Structure	Annular corrugated mechanical or hydroformed flexible metal hoses produced from longitudinally welded tubes with or without braiding
Characteristics	Standard Pitch / Standard Flexibility / Heavy Duty
Standards	EN ISO 10380
Hose Material	Stainless Steel AISI 304, AISI 321, AISI 316L
Braiding Material	Stainless Steel AISI 304, AISI 304L, AISI 316L & AISI 321
Suitable Fittings Types	Threaded end, Flange end, Pipe end etc as per customer specifications



Metric System

Item Code	DN	Braids	Braid Construction (No of Carriers X No of Strands X Wire Diameter)	Braid							
	Coverage			(D)	(D1 & D2)	(Max) 20°C	(Min) 20°C	Dynamic	Static	Weight	
	%			mm	mm	bar	bar	mm	mm	kg/m	
PH2500R00006	6	0			6.0	10.1	14.0	---	---	---	0.110
PH2500R1R006		1	24 X 4 X 0.4	94	6.0	12.2	146.0	584	127.0	25.0	0.250
PH2500R2R006		2			6.0	13.6	219.0	876	---	---	0.370
PH2500R00010	10	0			11.0	16.0	7.0	---	---	---	0.185
PH2500R1R010		1	24 X 7 X 0.4	92	11.0	18.0	103.0	412	140.0	32.0	0.420
PH2500R2R010		2			11.0	19.4	155.0	620	---	---	0.640
PH2500R00012	12	0			14.5	21.1	6.0	---	---	---	0.290
PH2500R1R012		1	24 X 7 X 0.4	90	14.5	22.9	74.0	297	152.0	38.0	0.560
PH2500R2R012		2			14.5	24.3	111.0	445	---	---	0.830
PH2500R00020	20	0			20.6	30.7	5.0	---	---	---	0.720
PH2500R1R020		1	36 X 8 X 0.4	92	20.6	32.5	55.0	218	203.0	57.0	1.130
PH2500R2R020		2			20.6	33.9	82.0	328	---	---	1.510
PH2500R00025	25	0			27.0	38.2	3.0	---	---	---	0.880
PH2500R1R025		1	36 X 9 X 0.4	85	27.0	40.2	39.0	158	229.0	70.0	1.350
PH2500R2R025		2			27.0	41.6	59.0	236	---	---	1.820
PH2500R00032	32	0			31.6	45.0	2.0	---	---	---	0.930
PH2500R1R032		1	48 X 7 X 0.4	85	31.6	46.6	37.0	148	267.0	89.0	1.400
PH2500R2R032		2			31.6	48.2	55.0	220	---	---	1.870
PH2500R00040	40	0			41.5	55.5	1.0	---	---	---	1.130
PH2500R1R040		1	48 X 9 X 0.4	88	41.5	57.1	33.0	132	305.0	102.0	1.710

Item Code	DN	Braids	Braid Construction (No of Carriers X No of Strands X Wire Diameter)	Braid	 ID	 OD	 WP	 BP	 BR/r		 W
				Coverage	(D)	(D1 & D2)	(Max) 20°C	(Min) 20°C	Dynamic	Static	Weight
	mm			%	mm	mm	bar	bar	mm	mm	kg/m
PH2500R2R040	50	2			41.5	58.7	49.0	196	---	---	2.290
PH2500R00050		0			51.5	66.3	1.0	---	---	1.400	
PH2500R1R050		1	48 X 9 X 0.5	90	51.5	68.3	36.0	144	380.0	127.0	2.400
PH2500R2R050		2			51.5	70.3	53.0	212	---	---	3.400
PH2500R00065	65	0			64.8	83.0	0.8	---	---	---	1.590
PH2500R1R065		1	72 X 8 X 0.5	94	64.8	85.0	27.0	108	508.0	203.0	2.760
PH2500R2R065		2			64.8	87.0	40.0	160	---	---	3.940
PH2500R00080	80	0			79.8	97.5	0.7	---	---	---	1.780
PH2500R1R080		1	72 X 9 X 0.5	96	79.8	100.0	22.0	87	560.0	230.0	3.090
PH2500R2R080		2			79.8	102.0	33.0	132	---	---	4.391
PH2500R00100	100	0			99.8	120.0	0.6	---	---	---	2.500
PH2500R1R100		1	72 X 11 X 0.5	92	99.8	122.5	16.0	64	690.0	330.0	4.100
PH2500R2R100		2			99.8	124.5	24.0	96	---	---	5.700
PH2500R00125	125	0			126.0	149.0	0.4	---	---	---	3.900
PH2500R1R125		1	72 X 10 X 0.6	90	126.0	152.0	13.0	52	787.0	457.0	6.100
PH2500R2R125		2			126.0	155.0	20.0	80	---	---	8.300
PH2500R00150	150	0			150.0	176.0	0.3	---	---	---	5.700
PH2500R1R150		1	72 X 10 X 0.6	84	150.0	179.5	11.0	46	914.0	483.0	8.300
PH2500R2R150		2			150.0	183.0	17.0	68	---	---	10.900

Imperial System

Item Code	DN	Braids	Braid Construction (No of Carriers X No of Strands X Wire Diameter)	Braid	 ID	 OD	 WP	 BP	 BR/r	 W	
				Coverage	(D)	(D1 & D2)	(Max) 70°F	(Min) 70°F	Dynamic	Static	Weight
	inch			%	inch	inch	psi	psi	inch	inch	lbs/ft
PH2500R00006	1/4	0			0.2	0.4	203	---	---	---	0.070
PH2500R1R006		1	24 X 4 X 0.016	94	0.2	0.5	2118	8472	5.00	1.00	0.170
PH2500R2R006		2			0.2	0.5	3177	12708	---	---	0.250
PH2500R00010	3/8	0			0.4	0.6	102	---	---	---	0.124
PH2500R1R010		1	24 X 7 X 0.016	92	0.4	0.7	1494	5976	5.50	1.25	0.280
PH2500R2R010		2			0.4	0.8	2241	8964	---	---	0.430
PH2500R00012	1/2	0			0.6	0.8	87	---	---	---	0.200
PH2500R1R012		1	24 X 7 X 0.016	90	0.6	0.9	1073	4292	6.00	1.50	0.380
PH2500R2R012		2			0.6	1.0	1609.5	6438	---	---	0.560
PH2500R00020	3/4	0			0.8	1.2	73	---	---	---	0.480
PH2500R1R020		1	36 X 8 X 0.016	92	0.8	1.3	798	3192	8.00	2.25	0.760
PH2500R2R020		2			0.8	1.4	1197	4788	---	---	1.020
PH2500R00025	1	0			1.1	1.5	44	---	---	---	0.590
PH2500R1R025		1	36 X 9 X 0.016	85	1.1	1.6	566	2264	9.00	2.75	0.910
PH2500R2R025		2			1.1	1.6	849	3396	---	---	1.220
PH2500R00032	1 1/4	0			1.2	1.8	29	---	---	---	0.630
PH2500R1R032		1	48 X 7 X 0.016	85	1.2	1.8	537	2148	10.50	3.50	0.940
PH2500R2R032		2			1.2	1.9	805.5	3222	---	---	1.260
PH2500R00040	1 1/2	0			1.6	2.2	15	---	---	---	0.760
PH2500R1R040		1	48 X 9 X 0.016	88	1.6	2.2	479	1916	12.00	4.00	1.150
PH2500R2R040		2			1.6	2.3	718.5	2874	---	---	1.540
PH2500R00050	2	0			2.0	2.6	15	---	---	---	0.940
PH2500R1R050		1	48 X 9 X 0.020	90	2.0	2.7	522	2088	15.00	5.00	0.630
PH2500R2R050		2			2.0	2.8	783	3132	---	---	2.290

Item Code	DN	Braids	Braid Construction (No of Carriers X No of Strands X Wire Diameter)	Braid	 ID	 OD	 WP	 BP	 BR/r	 W	
				Coverage	(D)	(D1 & D2)	(Max) 70°F	(Min) 70°F	Dynamic	Static	Weight
	inch			%	inch	inch	psi	psi	inch	inch	lbs/ft
PH2500R00065	2 1/2	0			2.5	3.3	12	---	---	---	1.070
PH2500R1R065		1	72 X 8 X 0.020	94	2.5	3.4	392	1568	20.00	8.00	1.860
PH2500R2R065		2			2.5	3.4	588	2352	---	---	2.650
PH2500R00080	3	0			3.1	3.8	10	---	---	---	1.200
PH2500R1R080		1	72 X 9 X 0.020	96	3.1	3.9	319	1276	22.00	9.00	2.080
PH2500R2R080		2			3.1	4.0	478.5	1914	---	---	2.950
PH2500R00100	4	0			3.9	4.7	9	---	---	---	1.680
PH2500R1R100		1	72 X 11 X 0.020	92	3.9	4.8	232	928	27.00	13.00	2.760
PH2500R2R100		2			3.9	4.9	348	1392	---	---	3.830
PH2500R00125	5	0			5.0	5.9	6	---	---	---	2.620
PH2500R1R125		1	72 X 10 X 0.024	90	5.0	6.0	189	756	31.00	18.00	4.100
PH2500R2R125		2			5.0	6.1	290	1160	---	---	5.580
PH2500R00150	6	0			5.9	6.9	4	---	---	---	3.830
PH2500R1R150		1	72 X 10 X 0.024	84	5.9	7.0	160	640	36.00	19.00	5.580
PH2500R2R150		2			5.9	7.2	247	988	---	---	7.320

Note

- Test Pressure is 1.5 times of Working Pressure @ 70°F / 20°C.
- WP - Working Pressure, BP - Burst Pressure.
- Contact Factory for Temperature correction Factor.