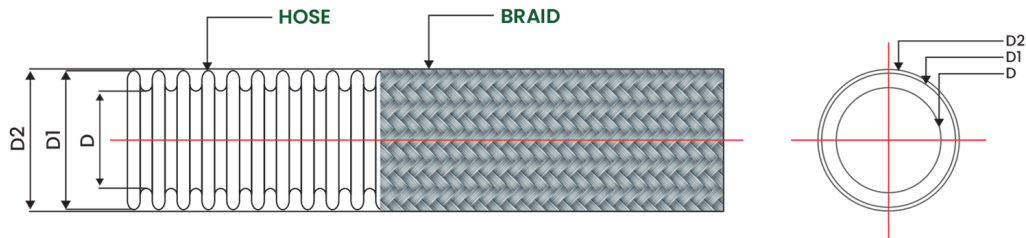


### PH 2000 SERIES - MFM









- Structure** Annular corrugated mechanical formed flexible metal hoses produced from longitudinally welded tubes with or without braiding
- Characteristics** Standard Pitch / Medium Flexibility / Light Weight
- 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	ID	OD	WP	BP	BR/r		W
					(D)	(D1 & D2)	(Max) 20°C	(Min) 20°C	Dynamic	Static	Weight
	mm				%	mm	mm	bar	bar	mm	mm
PH2000R00006	6	0			6.3	9.6	5.0	---	---	---	0.075
PH2000R1R006		1	24 X 5 X 0.3	94	6.3	10.8	162.0	648	25.0	25.0	0.160
PH2000R2R006		2				6.3	12.0	243.0	972	---	---
PH2000R00008	8	0			8.5	12.1	5.0	--	---	---	0.090
PH2000R1R008		1	24 X 5 X 0.3	92	8.5	13.6	112.0	448	130.0	32.0	0.180
PH2000R2R008		2				8.5	14.8	168.0	672	---	---
PH2000R00010	10	0			10.0	14.1	5.0	---	---	---	0.105
PH2000R1R010		1	24 X 6 X 0.3	92	10.0	15.7	97.0	388	150.0	38.0	0.220
PH2000R2R010		2				10.0	16.9	145.5	582	---	---
PH2000R00012	12	0			12.1	16.7	4.5	---	---	---	0.120
PH2000R1R012		1	24 X 8 X 0.3	92	12.1	18.2	89.0	356	165.0	45.0	0.285
PH2000R2R012		2				12.1	19.4	133.0	533	---	---
PH2000R00016	16	0			16.6	21.9	4.5	---	---	---	0.185
PH2000R1R016		1	36 X 7 X 0.3	96	16.6	23.5	60.0	240	195.0	58.0	0.385
PH2000R2R016		2				16.6	24.7	90.0	360	---	---
PH2000R00020	20	0			20.2	26.7	3.0	---	---	---	0.270
PH2000R1R020		1	36 X 9 X 0.3	94	20.2	28.2	60.0	240	225.0	70.0	0.530
PH2000R2R020		2				20.2	29.4	90.0	360	---	---
PH2000R00025	25	0			25.3	32.3	3.0	---	---	---	0.365
PH2000R1R025		1	36 X 10 X 0.3	96	25.3	33.8	50.0	200	260.0	85.0	0.665

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	
PH2000R2R025		2			25.3	35.0	75.0	300	---	---	0.960
PH2000R00032		0			33.6	41.2	3.0	----	---	---	0.470
PH2000R1R032	32	1	48 X 8 X 0.4	94	33.6	43.0	46.0	184	300.0	105.0	1.000
PH2000R2R032		2			33.6	44.6	69.0	276	---	---	1.500
PH2000R00040		0			40.0	49.5	2.0	---	---	---	0.650
PH2000R1R040	40	1	48 X 9 X 0.4	92	40.0	51.3	42.0	168	340.0	130.0	1.230
PH2000R2R040		2			40.0	52.9	63.0	252	---	---	1.810
PH2000R00050		0			50.4	60.5	2.0	----	---	---	0.885
PH2000R1R050	50	1	48 X 10 X 0.4	96	50.4	62.6	32.0	128	390.0	160.0	1.520
PH2000R2R050		2			50.4	64.2	48.0	192	---	---	2.150

### Imperial System

Item Code	DN	Braids	Braid Construction (No of Carriers X No of Strands X Wire Diameter)	Braid							
				Coverage	(D)	(D1 & D2)	(Max) 70°F	(Min) 70°F	Dynamic	Static	Weight
	%			inch	inch	psi	psi	inch	inch	lbs/ft	
PH2000R00006		0			0.2	0.4	72	---	---	---	0.050
PH2000R1R006	1/4	1	24 X 5 X 0.012	94	0.2	0.4	2350	9400	4.33	0.98	0.110
PH2000R2R006		2			0.2	0.5	3524	14096	---	---	0.160
PH2000R00008		0			0.3	0.5	72	--	---	---	0.060
PH2000R1R008	5/16	1	24 X 5 X 0.012	92	0.3	0.5	1624	6496	5.12	1.26	0.130
PH2000R2R008		2			0.3	0.6	2436	9744	---	---	0.200
PH2000R00010		0			0.4	0.6	72	---	---	---	0.070
PH2000R1R010	3/8	1	24 X 6 X 0.012	92	0.4	0.6	1407	5628	5.91	1.50	0.150
PH2000R2R010		2			0.4	0.7	2111	8442	---	---	0.230
PH2000R00012		0			0.5	0.7	65	---	---	---	0.080
PH2000R1R012	1/2	1	24 X 8 X 0.012	92	0.5	0.7	1290	5160	6.50	1.77	0.190
PH2000R2R012		2			0.5	0.8	1930	7720	---	---	0.309
PH2000R00016		0			0.6	0.9	65	---	---	---	0.124
PH2000R1R016	5/8	1	36 X 7 X 0.012	96	0.6	0.9	870	3480	7.68	2.28	0.259
PH2000R2R016		2			0.6	1.0	1305	5220	---	---	0.386
PH2000R00020		0			0.8	1.1	43	---	---	---	0.180
PH2000R1R020	3/4	1	36 X 9 X 0.012	94	0.8	1.1	870	3480	8.86	2.76	0.350
PH2000R2R020		2			0.8	1.2	1305	5220	---	---	0.520
PH2000R00025		0			1.0	1.3	43	---	---	---	0.245
PH2000R1R025	1	1	36 X 10 X 0.012	96	1.0	1.3	725	2900	10.24	3.35	0.447
PH2000R2R025		2			1.0	1.4	1088	4352	---	---	0.645
PH2000R00032		0			1.3	1.6	43	----	---	---	0.340
PH2000R1R032	1 1/4	1	48 X 8 X 0.016	94	1.3	1.7	667	2668	11.81	4.13	0.710
PH2000R2R032		2			1.3	1.8	1001	4002	---	---	1.080
PH2000R00040		0			1.6	2.0	28	---	---	---	0.470
PH2000R1R040	1 1/2	1	48 X 9 X 0.016	92	1.6	2.0	609	2436	13.39	5.12	0.890
PH2000R2R040		2			1.6	2.1	914	3654	---	---	1.320
PH2000R00050		0			2.0	2.4	28	----	---	---	0.590
PH2000R1R050	2	1	48 X 10 X 0.016	96	2.0	2.5	464	1856	15.35	6.30	1.030
PH2000R2R050		2			2.0	2.5	696	2784	---	---	1.480

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.