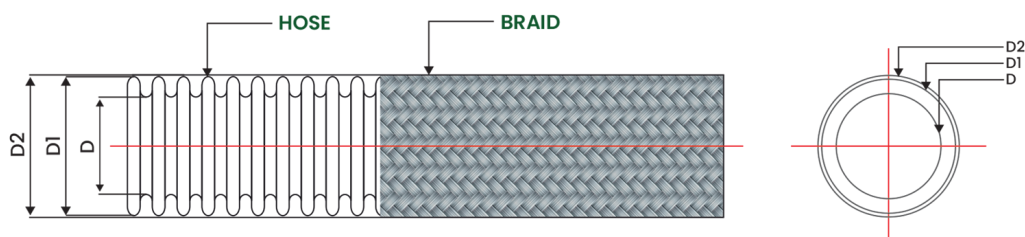


PH 2100 SERIES - MFMS



Structure	Annular corrugated mechanical formed flexible metal hoses produced from longitudinally welded tubes with or without braiding
Characteristics	Standard Pitch - Special braid / 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							
	mm			Coverage	(D)	(D1 & D2)	(Max) 20°C	(Min) 20°C	Dynamic	Static	Weight
				%	mm	mm	bar	bar	mm	mm	kg/m
PH2100R00006	6	0			6.3	9.6	5.0	---	---	---	0.075
PH2100R1R006		1	24 X 5 X 0.3	94	6.3	10.8	162.0	648	110.0	25.0	0.160
PH2100R2R006		2			6.3	12.0	194.4	778	---	---	0.240
PH2100R00008	8	0			8.5	12.1	5.0	---	---	---	0.090
PH2100R1R008		1	24 X 6 X 0.3	92	8.5	13.6	114.0	456	130.0	32.0	0.200
PH2100R2R008		2			8.5	14.8	137.0	547	---	---	0.300
PH2100R00010	10	0			10.0	14.1	5.0	---	---	---	0.105
PH2100R1R010		1	24 X 7 X 0.3	92	10.0	15.7	110.0	440	150.0	38.0	0.240
PH2100R2R010		2			10.0	16.9	132.0	528	---	---	0.380
PH2100R00012	12	0			12.1	16.7	4.5	---	---	---	0.120
PH2100R1R012		1	24 X 8 X 0.3	92	12.1	18.2	89.0	356	165.0	45.0	0.285
PH2100R2R012		2			12.1	19.4	107.0	427	---	---	0.460
PH2100R00016	16	0			16.6	21.9	4.5	---	---	---	0.185
PH2100R1R016		1	36 X 8 X 0.3	96	16.6	23.5	80.0	320	195.0	58.0	0.400
PH2100R2R016		2			16.6	24.7	96.0	384	---	---	0.610
PH2100R00020	20	0			20.2	26.7	3.0	---	---	---	0.270
PH2100R1R020		1	36 X 9 X 0.3	94	20.2	28.2	70.0	280	225.0	70.0	0.530
PH2100R2R020		2			20.2	29.4	84.0	336	---	---	0.780
PH2100R00025	25	0			25.3	32.3	3.0	---	---	---	0.365
PH2100R1R025		1	36 X 9 X 0.4	96	25.3	34.2	58.0	232	260.0	85.0	0.765

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
PH2100R2R025		2			25.3	35.4	70.0	278	---	---	1.165
PH2100R00032	32	0			33.6	41.2	3.0	---	---	---	0.470
PH2100R1R032		1	48 X 8 X 0.4	94	33.6	43.0	46.0	184	300.0	105.0	1.000
PH2100R2R032		2			33.6	44.6	56.0	224	---	---	1.500
PH2100R00040	40	0			40.0	49.5	2.0	---	---	---	0.650
PH2100R1R040		1	48 X 9 X 0.4	92	40.0	51.3	42.0	168	340.0	130.0	1.230
PH2100R2R040		2			40.0	52.9	52.0	208	---	---	1.810
PH2100R00050	50	0			50.4	60.5	2.0	---	---	---	0.885
PH2100R1R050		1	48 X 9 X 0.5	96	50.4	63.0	38.0	152	390.0	160.0	1.780
PH2100R2R050		2			50.4	64.6	48.0	192	---	---	2.680

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
PH2100R00006	1/4	0			0.2	0.4	72	---	---	---	0.050
PH2100R1R006		1	24 X 5 X 0.012	94	0.2	0.4	2350	9398	4.33	0.98	0.110
PH2100R2R006		2			0.2	0.5	2820	11284	---	---	0.160
PH2100R00008	5/16	0			0.3	0.5	72	---	---	---	0.070
PH2100R1R008		1	24 X 6 X 0.012	92	0.3	0.5	1650	6600	5.12	1.26	0.140
PH2100R2R008		2			0.3	0.6	1980	7920	---	---	0.210
PH2100R00010	3/8	0			0.4	0.6	72	---	---	---	0.080
PH2100R1R010		1	24 X 7 X 0.012	92	0.4	0.6	1600	6400	5.91	1.50	0.160
PH2100R2R010		2			0.4	0.7	1920	7680	---	---	0.255
PH2100R00012	1/2	0			0.5	0.7	65	---	---	---	0.090
PH2100R1R012		1	24 X 8 X 0.012	92	0.5	0.7	1290	5160	6.50	1.77	0.190
PH2100R2R012		2			0.5	0.8	1548	6192	---	---	0.300
PH2100R00016	5/8	0			0.6	0.9	65	---	---	---	0.130
PH2100R1R016		1	36 X 8 X 0.012	96	0.6	0.9	1160	4640	7.68	2.28	0.280
PH2100R2R016		2			0.6	1.0	1392	5568	---	---	0.420
PH2100R00020	3/4	0			0.8	1.1	43	---	---	---	0.180
PH2100R1R020		1	36 X 9 X 0.012	94	0.8	1.1	1015	4060	8.86	2.76	0.350
PH2100R2R020		2			0.8	1.2	1218	4872	---	---	0.530
PH2100R00025	1	0			1.0	1.3	43	---	---	---	0.240
PH2100R1R025		1	36 X 9 X 0.016	96	1.0	1.3	840	3360	10.24	3.35	0.510
PH2100R2R025		2			1.0	1.4	1008	4032	---	---	0.780
PH2100R00032	1 1/4	0			1.3	1.6	43	---	---	---	0.320
PH2100R1R032		1	48 X 8 X 0.016	94	1.3	1.7	665	2660	11.81	4.13	0.690
PH2100R2R032		2			1.3	1.8	798	3192	---	---	1.030
PH2100R00040	1 1/2	0			1.6	2.0	28	---	---	---	0.440
PH2100R1R040		1	48 X 9 X 0.016	92	1.6	2.0	605	2420	13.39	5.12	0.840
PH2100R2R040		2			1.6	2.1	754	3016	---	---	1.240
PH2100R00050	2	0			2.0	2.4	28	---	---	---	0.590
PH2100R1R050		1	48 X 9 X 0.020	96	2.0	2.5	550	2200	15.35	6.30	1.200
PH2100R2R050		2			2.0	2.5	696	2785	---	---	1.800

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.