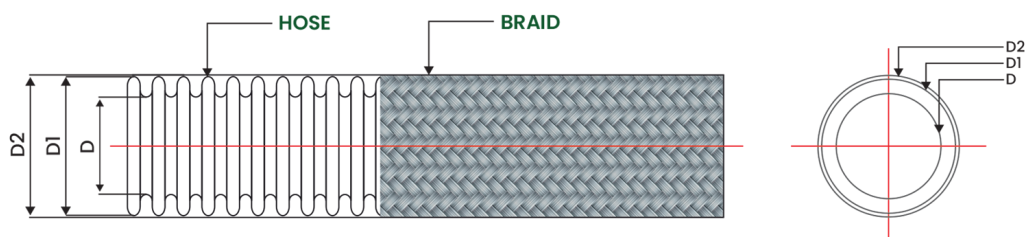


PH 2010 SERIES - MFL



Structure	Annular corrugated mechanical formed flexible metal hoses produced from longitudinally welded tubes with or without braiding
Characteristics	Wide Pitch / Type-2 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
Suitable Fittings Types	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	
PH2010R00006	6	0			6.3	9.6	5.0	---	---	---	0.075
PH2010R1R006		1	24 X 4 X 0.3	90	6.3	10.8	120.0	480	140.0	25.0	0.150
PH2010R2R006		2			6.3	12.0	180.0	720	---	---	0.230
PH2010R00008	8	0			8.5	12.1	5.0	--	---	---	0.090
PH2010R1R008		1	24 X 5 X 0.3	92	8.5	13.6	112.0	448	165.0	32.0	0.180
PH2010R2R008		2			8.5	14.8	168.0	672	---	---	0.270
PH2010R00010	10	0			10.0	14.1	5.0	---	---	---	0.105
PH2010R1R010		1	24 X 6 X 0.3	92	10.0	15.7	97.0	388	190.0	38.0	0.220
PH2010R2R010		2			10.0	16.9	145.5	582	---	---	0.340
PH2010R00012	12	0			12.4	16.5	4.5	---	---	---	0.105
PH2010R1R012		1	24 X 7 X 0.3	92	12.4	17.9	75.0	300	210.0	45.0	0.240
PH2010R2R012		2			12.4	19.1	112.5	450	---	---	0.380
PH2010R00016	16	0			16.6	21.9	4.5	---	---	---	0.185
PH2010R1R016		1	36 X 6 X 0.3	92	16.6	23.5	55.0	220	250.0	58.0	0.360
PH2010R2R016		2			16.6	24.7	82.5	330	---	---	0.540
PH2010R00020	20	0			20.2	26.5	3.0	---	---	---	0.220
PH2010R1R020		1	36 X 9 X 0.3	94	20.2	27.9	60.0	240	285.0	70.0	0.475
PH2010R2R020		2			20.2	29.1	90.0	360	---	---	0.740
PH2010R00025	25	0			25.3	31.8	3.0	---	---	---	0.275
PH2010R1R025		1	36 X 9 X 0.3	92	25.3	33.1	43.0	172	325.0	85.0	0.540

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
PH2010R2R025		2			25.3	34.4	64.5	258	---	---	0.815
PH2010R00032	32	0			33.6	40.8	3.0	----	---	---	0.360
PH2010R1R032		1	48 X 7 X 0.4	92	33.6	42.6	38.0	152	380.0	105.0	0.820
PH2010R2R032		2			33.6	44.2	57.0	228	---	---	1.290
PH2010R00040	40	0			40.0	49.0	2.0	---	---	---	0.510
PH2010R1R040		1	48 X 8 X 0.4	90	40.0	50.8	35.0	140	430.0	130.0	1.060
PH2010R2R040		2			40.0	52.4	52.5	210	---	---	1.710
PH2010R00050	50	0			50.4	60.0	2.0	----	---	---	0.725
PH2010R1R050		1	48 X 10 X 0.4	96	50.4	61.8	30.0	120	490.0	160.0	1.385
PH2010R2R050		2			50.4	63.4	45.0	180	---	---	2.050

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	inch	psi	psi	inch	inch	lbs/ft
PH2010R00006	1/4	0			0.2	0.4	73	---	---	---	0.050
PH2010R1R006		1	24 X 4 X 0.012	90	0.2	0.4	1740	6960	5.51	0.98	0.100
PH2010R2R006		2			0.2	0.5	2611	10444	---	---	0.155
PH2010R00008	5/16	0			0.3	0.5	73	--	---	---	0.090
PH2010R1R008		1	24 X 5 X 0.012	92	0.3	0.5	1624	6496	6.50	1.26	0.180
PH2010R2R008		2			0.3	0.6	2437	9748	---	---	0.270
PH2010R00010	3/8	0			0.4	0.6	73	---	---	---	0.105
PH2010R1R010		1	24 X 6 X 0.012	92	0.4	0.6	1407	5628	7.48	1.50	0.220
PH2010R2R010		2			0.4	0.7	2110	8440	---	---	0.340
PH2010R00012	1/2	0			0.5	0.6	65	---	---	---	0.105
PH2010R1R012		1	24 X 7 X 0.012	92	0.5	0.7	1088	4352	8.27	1.77	0.240
PH2010R2R012		2			0.5	0.8	1632	6528	---	---	0.380
PH2010R00016	5/8	0			0.6	0.9	65	---	---	---	0.185
PH2010R1R016		1	36 X 6 X 0.012	92	0.6	0.9	798	3192	9.84	2.28	0.360
PH2010R2R016		2			0.6	1.0	1197	4788	---	---	0.540
PH2010R00020	3/4	0			0.8	1.0	44	---	---	---	0.220
PH2010R1R020		1	36 X 9 X 0.012	94	0.8	1.1	870	3480	11.22	2.76	0.475
PH2010R2R020		2			0.8	1.1	1305	5220	---	---	0.740
PH2010R00025	1	0			1.0	1.2	44	---	---	---	0.275
PH2010R1R025		1	36 X 9 X 0.012	92	1.0	1.3	624	2496	12.80	3.35	0.540
PH2010R2R025		2			1.0	1.4	935	3740	---	---	0.815
PH2010R00032	1.1/4	0			1.3	1.6	44	----	---	---	0.360
PH2010R1R032		1	48 X 7 X 0.016	92	1.3	1.7	551	2204	14.96	4.13	0.820
PH2010R2R032		2			1.3	1.7	827	3308	---	---	1.290
PH2010R00040	1 1/2	0			1.6	1.9	29	---	---	---	0.510
PH2010R1R040		1	48 X 8 X 0.016	90	1.6	2.0	508	2032	16.93	5.12	1.060
PH2010R2R040		2			1.6	2.1	761	3044	---	---	1.710
PH2010R00050	2	0			2.0	2.4	29	----	---	---	0.725
PH2010R1R050		1	48 X 10 X 0.016	96	2.0	2.4	435	1740	19.29	6.30	1.385
PH2010R2R050		2			2.0	2.5	653	2612	---	---	2.050

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.