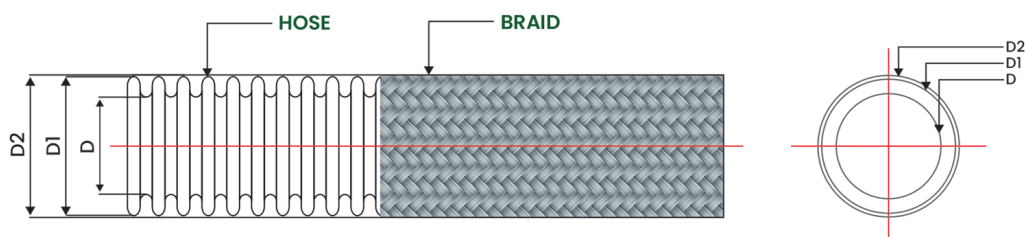


PH 2200 SERIES - MFH



Structure	Annular corrugated mechanical formed flexible metal hoses produced from longitudinally welded tubes with or without braiding
Characteristics	Close Pitch / High Flexibility / Medium 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	ID	OD	WP	BP	BR/r		W
	mm			Coverage	(D)	(D1 & D2)	(Max) 20°C	(Min) 20°C	Dynamic	Static	Weight
				%	mm	mm	bar	bar	mm	mm	kg/m
PH2200R00006	6	0			6.3	9.6	5.0	---	---	---	0.110
PH2200R1R006		1	24 X 5 X 0.3	95	6.3	10.8	163.0	648	77.0	25.0	0.190
PH2200R2R006		2			6.3	12.0	196.0	777	---	---	0.260
PH2200R00008	8	0			8.5	12.1	5.0	---	---	---	0.150
PH2200R1R008		1	24 X 6 X 0.3	92	8.5	13.6	114.0	455	91.0	32.0	0.250
PH2200R2R008		2			8.5	14.8	137.0	546	---	---	0.350
PH2200R00010	10	0			10.0	14.1	5.0	---	---	---	0.160
PH2200R1R010		1	24 X 7 X 0.3	93	10.0	15.7	110.0	441	105.0	38.0	0.290
PH2200R2R010		2			10.0	16.9	132.0	530	---	---	0.400
PH2200R00012	12	0			12.1	16.7	4.0	---	---	---	0.170
PH2200R1R012		1	24 X 8 X 0.3	92	12.1	18.2	89.0	356	116.0	45.0	0.310
PH2200R2R012		2			12.1	19.4	107.0	427	---	---	0.450
PH2200R00016	16	0			16.6	21.9	4.0	---	---	---	0.300
PH2200R1R016		1	36 X 8 X 0.3	93	16.6	23.5	80.0	320	136.0	58.0	0.510
PH2200R2R016		2			16.6	24.7	96.0	384	---	---	0.710
PH2200R00020	20	0			20.2	26.7	3.0	---	---	---	0.440
PH2200R1R020		1	36 X 9 X 0.3	96	20.2	28.2	70.0	280	158.0	70.0	0.690
PH2200R2R020		2			20.2	29.4	84.0	336	---	---	0.950
PH2200R00025	25	0			25.3	32.3	3.0	---	---	---	0.580
PH2200R1R025		1	36 X 9 X 0.4	95	25.3	34.2	58.0	232	182.0	85.0	0.990

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
PH2200R2R025		2			25.3	35.8	69.0	278	---	---	1.390
PH2200R00032	32	0			33.6	41.2	3.0	---	---	---	0.760
PH2200R1R032		1	48 X 8 X 0.4	95	33.6	43.0	46.0	183	210.0	105.0	1.250
PH2200R2R032		2			33.6	44.6	55.0	220	---	---	1.750
PH2200R00040	40	0			40.0	49.5	2.0	---	---	---	0.980
PH2200R1R040		1	48 X 9 X 0.4	94	40.0	51.3	42.0	167	238.0	130.0	1.560
PH2200R2R040		2			40.0	52.9	52.0	208	---	---	2.130
PH2200R00050	50	0			50.4	60.5	2.0	---	---	---	1.230
PH2200R1R050		1	48 X 9 X 0.5	94	50.4	63.0	38.0	152	273.0	160.0	2.130
PH2200R2R050		2			50.4	65.0	46.0	182	---	---	3.030
PH2200R00065	65	0			62.8	76.3	1.0	---	---	---	1.210
PH2200R1R065		1	72 X 7 X 0.5	95	62.8	78.9	30.0	120	460.0	200.0	2.350
PH2200R2R065		2			62.8	80.9	36.0	144	---	---	3.490
PH2200R00080	80	0			78.7	94.5	1.0	---	---	---	1.890
PH2200R1R080		1	72 X 9 X 0.5	93	78.7	97.1	25.0	100	660.0	240.0	3.190
PH2200R2R080		2			78.7	99.1	30.0	120	---	---	4.490
PH2200R00100	100	0			97.8	114.2	1.0	---	---	---	2.650
PH2200R1R100		1	72 X 10 X 0.5	88	97.8	116.7	19.0	76	750.0	290.0	4.000
PH2200R2R100		2			97.8	118.7	23.0	91	---	---	5.400

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
PH2200R00006	1/4	0			0.2	0.4	72	---	---	---	0.075
PH2200R1R006		1	24 X 5 X 0.012	95	0.2	0.4	2370	9396	3.03	0.98	0.130
PH2200R2R006		2			0.2	0.5	2844	11275	---	---	0.180
PH2200R00008	5/16	0			0.3	0.5	72	---	---	---	0.100
PH2200R1R008		1	24 X 6 X 0.012	92	0.3	0.5	1650	6600	3.58	1.26	0.170
PH2200R2R008		2			0.3	0.6	1980	7920	---	---	0.240
PH2200R00010	3/8	0			0.4	0.6	72	---	---	---	0.110
PH2200R1R010		1	24 X 7 X 0.012	93	0.4	0.6	1600	6400	4.13	1.50	0.190
PH2200R2R010		2			0.4	0.7	1920	7680	---	---	0.270
PH2200R00012	1/2	0			0.5	0.7	65	---	---	---	0.110
PH2200R1R012		1	24 X 8 X 0.012	92	0.5	0.7	1290	5160	4.57	1.77	0.210
PH2200R2R012		2			0.5	0.8	1548	6192	---	---	0.300
PH2200R00016	5/8	0			0.6	0.9	65	---	---	---	0.200
PH2200R1R016		1	36 X 8 X 0.012	93	0.6	0.9	1160	4640	5.35	2.28	0.340
PH2200R2R016		2			0.6	1.0	1392	5568	---	---	0.480
PH2200R00020	3/4	0			0.8	1.1	43	---	---	---	0.300
PH2200R1R020		1	36 X 9 X 0.012	96	0.8	1.1	1015	4060	6.22	2.76	0.470
PH2200R2R020		2			0.8	1.2	1218	4872	---	---	0.640
PH2200R00025	1	0			1.0	1.3	43	---	---	---	0.390
PH2200R1R025		1	36 X 9 X 0.016	95	1.0	1.3	840	3360	7.17	3.35	0.660
PH2200R2R025		2			1.0	1.4	1008	4032	---	---	0.930
PH2200R00032	1 1/4	0			1.3	1.6	43	---	---	---	0.510
PH2200R1R032		1	48 X 8 X 0.016	95	1.3	1.7	665	2660	8.27	4.13	0.840
PH2200R2R032		2			1.3	1.8	798	3192	---	---	1.180

Item Code	DN	Braids	Braid Construction (No of Carriers X No of Strands X Wire Diameter)	Braid	 ID	 OD	 WP	 BP	 BR/r	Weight
				Coverage	(D)	(D1 & D2)	(Max) 70°F	(Min) 70°F	Dynamic	
	inch			%	inch	inch	psi	psi	inch	
PH2200R00040	1 1/2	0			1.6	2.0	28	---	---	0.660
PH2200R1R040		1	48 X 9 X 0.016	94	1.6	2.0	605	2420	9.37	1.050
PH2200R2R040		2			1.6	2.1	754	3016	---	1.440
PH2200R00050	2	0			2.0	2.4	28	---	---	0.830
PH2200R1R050		1	48 X 9 X 0.02	94	2.0	2.5	550	2200	10.75	1.430
PH2200R2R050		2			2.0	2.5	660	2640	---	2.040
PH2200R00065	2 1/2	0			2.5	3.0	15	---	---	0.810
PH2200R1R065		1	72 X 7 X 0.02	95	2.5	3.1	435	1740	18.11	1.580
PH2200R2R065		2			2.5	3.2	522	2088	---	2.350
PH2200R00080	3	0			3.1	3.7	15	---	---	1.270
PH2200R1R080		1	72 X 9 X 0.02	93	3.1	3.8	363	1452	25.98	2.140
PH2200R2R080		2			3.1	3.9	435.6	1742.4	---	3.020
PH2200R00100	4	0			3.8	4.5	15	---	---	1.780
PH2200R1R100		1	72 X 10 X 0.02	88	3.8	4.6	276	1104	29.53	2.690
PH2200R2R100		2			3.8	4.7	331.2	1324.8	---	3.630

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.