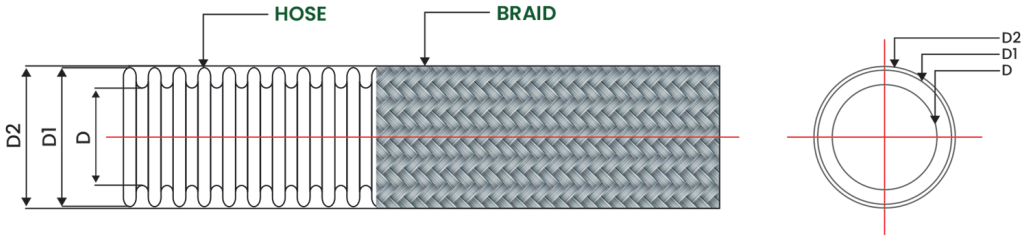
Polyhose™
Providing Flexible Solutions Globally

SS CORRUGATED FLEXIBLE HOSE

PH 2400 SERIES - HFM

Structure	Annular corrugated hydroformed flexible metal hoses produced from longitudinally welded tubes with or without braiding.
Characteristics	Standard Pitch / Medium Flexibility / Light weight / Hydro Formed
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
				Coverage	(D)	(D1 & D2)	(Max) 20°C	(Min) 20°C	Dynamic	Static	Weight
	mm			%	mm	mm	bar	bar	mm	mm	kg/m
PH2400R00040		0			40.3	51.5	1.2	---	---	---	0.490
PH2400R1R040	40	1	48 X 9 X 0.4	92	40.3	53.1	30.0	120	340.0	130.0	1.050
PH2400R2R040		2			40.3	54.7	45.0	180	---	---	1.610
PH2400R00050		0			49.5	62.7	1.0	---	---	---	0.660
PH2400R1R050	50	1	48 X 10 X 0.4	96	49.5	64.3	24.0	96	390.0	160.0	1.270
PH2400R2R050		2			49.5	6.9	36.0	144	---	---	1.880
PH2400R00065		0			64.8	78.3	0.8	---	---	---	0.850
PH2400R1R065	65	1	72 X 7 X 0.5	94	64.8	80.3	22.0	88	460.0	200.0	1.900
PH2400R2R065		2			64.8	82.3	33.0	132	---	---	2.910
PH2400R00080		0			79.8	96.5	0.7	---	---	---	1.160
PH2400R1R080	80	1	72 X 8 X 0.5	96	79.8	98.5	18.0	72	660.0	240.0	2.350
PH2400R2R080		2			79.8	100.5	27.0	108	---	---	3.540
PH2400R00100		0			99.8	116.2	0.6	---	---	---	1.420
PH2400R1R100	100	1	72 X 10 X 0.5	94	99.8	118.2	16.0	64	750.0	290.0	2.890
PH2400R2R100		2			99.8	120.2	24.0	96	---	---	4.360
PH2400R00125		0			126.0	149.0	0.4	---	---	---	2.970
PH2400R1R125	125	1	72 X 10 X 0.6	92	126.0	151.5	14.0	56	1,000.0	350.0	5.180
PH2400R2R125		2			126.0	155.0	21.0	84	---	---	7.390
PH2400R00150		0			150.0	176.0	0.3	---	---	---	3.200
PH2400R1R150	150	1	72 X 11 X 0.6	90	150.0	178.5	10.0	40	1,250.0	400.0	5.700

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
PH2400R2R150		2			150.0	182.0	15.0	60	---	---	8.200
PH2400R00200		0			200.0	229.4	0.3	---	---	---	4.990
PH2400R1R200	200	1	96 X 10 X 0.6	90	200.0	232.0	8.0	32	1,600.0	520.0	8.240
PH2400R2R200		2			200.0	234.7	12.0	48	---	---	11.490
PH2400R00250		0			250.0	278.0	0.2	---	---	---	8.120
PH2400R1R250	250	1	96 X 12 X 0.6	90	250.0	281.0	7.5	30	2,000.0	620.0	13.770
PH2400R2R250		2			250.0	283.8	11.3	45	---	---	19.420
PH2400R00300		0			300.0	333.0	0.2	---	---	---	10.900
PH2400R1R300	300	1	96 X 12 X 0.7	94	300.0	336.0	6.0	24	2,400.0	725.0	17.900
PH2400R2R300		2			300.0	339.0	9.0	36	---	---	24.900

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
PH2400R00040		0			1.6	2.0	17	---	---	---	0.330
PH2400R1R040	1 1/2	1	48 X 9 X 0.016	92	1.6	2.1	435	1740	13.39	5.12	0.710
PH2400R2R040		2			1.6	2.1	653	2612	---	---	1.080
PH2400R00050		0			2.0	2.5	15	---	---	---	0.440
PH2400R1R050	2	1	48 X 10 X 0.016	96	2.0	2.5	348	1392	15.35	6.30	0.850
PH2400R2R050		2			2.0	2.6	522	2088	---	---	1.270
PH2400R00065		0			2.6	3.1	12	---	---	---	0.570
PH2400R1R065	2 1/2	1	72 X 7 X 0.020	94	2.6	3.2	319	1276	18.11	7.87	1.260
PH2400R2R065		2			2.6	3.2	479	1916	---	---	1.960
PH2400R00080		0			3.1	3.8	10	---	---	---	0.770
PH2400R1R080	3	1	72 X 8 X 0.020	96	3.1	3.9	261	1044	25.98	9.45	1.580
PH2400R2R080		2			3.1	4.0	392	1568	---	---	2.380
PH2400R00100		0			3.9	4.6	8	---	---	---	0.950
PH2400R1R100	4	1	72 X 10 X 0.020	94	3.9	4.7	232	928	29.53	11.42	1.940
PH2400R2R100		2			3.9	4.7	348	1392	---	---	2.930
PH2400R00125		0			5.0	5.9	6	---	---	---	1.950
PH2400R1R125	5	1	72 X 10 X 0.024	92	5.0	6.0	203	812	39.37	13.78	3.440
PH2400R2R125		2			5.0	6.1	305	1220	---	---	4.940
PH2400R00150		0			5.9	6.9	4	---	---	---	2.300
PH2400R1R150	6	1	72 X 11 X 0.024	90	5.9	7.0	145	580	49.21	15.75	3.970
PH2400R2R150		2			5.9	7.2	218	872	---	---	5.650
PH2400R00200		0			7.9	9.0	4	---	---	---	3.760
PH2400R1R200	8	1	96 X 10 X 0.024	90	7.9	9.1	116	464	62.99	20.47	6.100
PH2400R2R200		2			7.9	9.2	174	696	---	---	8.440
PH2400R00250		0			9.8	10.9	3	---	---	---	5.590
PH2400R1R250	10	1	96 X 12 X 0.024	90	9.8	11.1	109	436	78.74	24.41	8.500
PH2400R2R250		2			9.8	11.2	163	652	---	---	11.370
PH2400R00300		0			11.8	13.1	3	---	---	---	7.460
PH2400R1R300	12	1	96 X 12 X 0.028	94	11.8	13.2	87	348	94.49	28.35	11.700
PH2400R2R300		2			11.8	13.3	130	520	---	---	15.930

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.