

**PH 2400 SERIES - HFM**

**Structure** Annular corrugated Hydroformed flexible metal hoses produced from longitudinally welded tubes with or without braiding

**Characteristics** Light Weight / Medium Flexibility

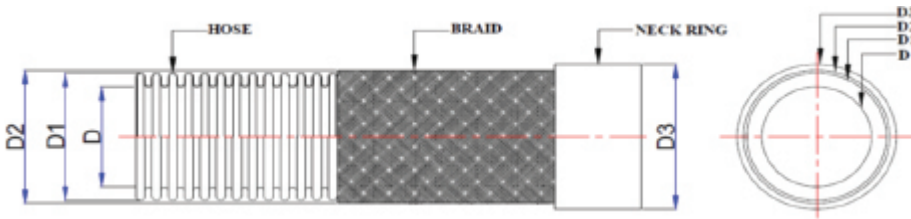
**Standards** EN ISO 10380

**Hose Material** Stainless Steel AISI 304, AISI 321, AISI 316L









**Braiding Material** Stainless Steel AISI 304 and AISI 316L

**Suitable Fittings Types** Threaded end, Flange end, Pipe end etc as per customer specifications

Note: Please Contact our sales team for Specific Length



**METRIC SYSTEM :**








Item Code	DN					Braid							
		(D)	(D1)	(D2)	(Dx)	Coverage	Static	Dynamic	SWB* W.P (Max)	DWB W.P (Max)	SWB B.P (Min)	SWB Weight	DWB Weight
		mm	mm	mm	mm	%	mm	mm	bar	bar	bar	Kg/m	Kg/m
R032HFMXR10	32	31.6	43.2	44.8	± 0.50	90	105	300	30	45	120	0.75	1.11
R040HFMXR10	40	40.3	51.5	53.1	± 0.50	92	130	340	30	45	120	1.05	1.61
R050HFMXR10	50	49.5	62.7	64.3	± 1.00	96	160	390	24	36	96	1.27	1.88
R065HFMXR10	65	64.8	78.3	80.3	± 1.00	94	200	460	22	33	88	1.88	2.91
R080HFMXR10	80	79.8	96.5	98.5	± 1.00	96	240	660	18	27	72	2.35	3.54
R100HFMXR10	100	99.8	116.2	118.2	± 1.00	94	290	750	16	24	64	2.89	4.36
R125HFMXR10	125	130	154	157.5	± 1.50	92	350	1000	14	21	56	5.13	7.44
R150HFMXR10	150	154	180.5	182.5	± 1.50	90	400	1250	10	15	40	5.91	8.40
R200HFMXR10	200	204	233.4	236	± 1.50	90	520	1600	8	12	32	8.64	11.69
R250HFMXR10	250	254	282	285	± 1.50	90	620	2000	7.5	11.25	30	13.97	19.62








**NOTE:**

1. Test Pressure is 1.5 times of Working Pressure @ 20°C.
2. SWB - Single Wire Braid, DWB - Double Wire Braid, WP - Working Pressure, BP - Burst Pressure.
3. Contact Factory for Temperature correction Factor.
4. THESE INFORMATIONS ARE FOR GUIDANCE ONLY, WE RESERVE THE RIGHT TO ALTER (OR) AMEND SPECIFICATIONS AS DEEMED NECESSARY.
5. General Tolerance is applicable.



**IMPERIAL SYSTEM :**

Item Code	DN	Braids	Braid Construction (No of Carriers X No of Strands X Wire Diameter)								
				Coverage	(D)	(D1 & D2)	W.P (Max) 70°F	B.P (Max) 70°F	Dynamic	Static	Weight per Foot
				%	inch	inch	psi	psi	inch	inch	lbs
R032HFMX000	1 1/4"	0	48 X 8 X 0.016	92	1.24	1.70	17	---	11.81	4.13	0.26
R032HFMR10	1 1/4"	1	48 X 8 X 0.016	92	1.24	1.78	435	1740	11.81	4.13	0.59
R032HFMR20	1 1/4"	2	48 X 8 X 0.016	92	1.24	1.83	653	2612	11.81	4.13	0.93
R040HFMX000	1 1/2"	0	48 X 9 X 0.016	92	1.59	2.03	17	---	13.39	5.12	0.33
R040HFMR10	1 1/2"	1	48 X 9 X 0.016	92	1.59	2.09	435	1740	13.39	5.12	0.71
R040HFMR20	1 1/2"	2	48 X 9 X 0.016	92	1.59	2.15	653	2612	13.39	5.12	1.08
R050HFMX000	2"	0	48 X 10 X 0.016	96	1.95	2.47	15	---	15.35	6.30	0.44
R050HFMR10	2"	1	48 X 10 X 0.016	96	1.95	2.53	348	1392	15.35	6.30	0.85
R050HFMR20	2"	2	48 X 10 X 0.016	96	1.95	2.59	522	2088	15.35	6.30	1.27
R065HFMX000	2 1/2"	0	72 X 7 X 0.020	94	2.55	3.08	12	---	18.11	7.87	0.57

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)	W.P (Max) 70°F	B.P (Max) 70°F	Dynamic	Static	Weight per Foot	
				%	inch	inch	psi	psi	inch	inch	lbs	
R065HFMR10	2 1/2"	1	72 X 7 X 0.020	94	2.55	3.16	319	1276	18.11	7.87	1.26	
R065HFMR20	2 1/2"	2	72 X 7 X 0.020	94	2.55	3.24	479	1916	18.11	7.87	1.96	
R080HFMR000	3"	0	72 X 8 X 0.020	96	3.14	3.80	10	---	25.98	9.45	0.77	
R080HFMR10	3"	1	72 X 8 X 0.020	96	3.14	3.88	261	1044	25.98	9.45	1.58	
R080HFMR20	3"	2	72 X 8 X 0.020	96	3.14	3.95	392	1568	25.98	9.45	2.38	
R100HFMR000	4"	0	72 X 10 X 0.020	94	3.93	4.58	8	---	29.53	11.42	0.95	
R100HFMR10	4"	1	72 X 10 X 0.020	94	3.93	4.65	232	928	29.53	11.42	1.94	
R100HFMR20	4"	2	72 X 10 X 0.020	94	3.93	4.73	348	1392	29.53	11.42	2.93	
R125HFMR000	5"	0	72 X 10 X 0.024	92	5.12	6.06	6	---	39.37	13.78	1.95	
R125HFMR10	5"	1	72 X 10 X 0.024	92	5.12	6.20	203	812	39.37	13.78	3.44	
R125HFMR20	5"	2	72 X 10 X 0.024	92	5.12	6.30	305	1220	39.37	13.78	4.94	
R150HFMR000	6"	0	72 X 11 X 0.024	90	6.06	7.11	5	---	49.21	15.75	2.30	
R150HFMR10	6"	1	72 X 11 X 0.024	90	6.06	7.21	145	580	49.21	15.75	3.97	
R150HFMR20	6"	2	72 X 11 X 0.024	90	6.06	7.28	218	872	49.21	15.75	5.64	
R200HFMR000	8"	0	96 X 9 X 0.026	90	8.03	9.19	5	---	62.99	20.47	3.76	
R200HFMR10	8"	1	96 X 9 X 0.026	90	8.03	9.33	116	464	62.99	20.47	5.81	
R200HFMR20	8"	2	96 X 9 X 0.026	90	8.03	9.40	174	696	62.99	20.47	7.86	
R250HFMR000	10"	0	96 X 12 X 0.028	90	10.00	11.1	3	---	78.74	24.41	5.59	
R250HFMR10	10"	1	96 X 12 X 0.028	90	10.00	11.22	109	436	78.74	24.41	9.39	
R250HFMR20	10"	2	96 X 12 X 0.028	90	10.00	11.33	163	652	78.74	24.41	13.19	

**NOTE:**

1. Test Pressure is 1.5times of Working Pressure @ 70°F.
2. WP - Working Pressure, BP - Burst Pressure.
3. Contact Factory for Temperature correction Factor.
4. THESE INFORMATIONS ARE FOR GUIDANCE ONLY, WE RESERVE THE RIGHT TO ALTER (OR) AMEND SPECIFICATIONS AS DEEMED NECESSARY
5. General Tolerance is applicable.