

**PH 2200 SERIES - MFH**

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

**Characteristics** Medium Weight / High Flexibility

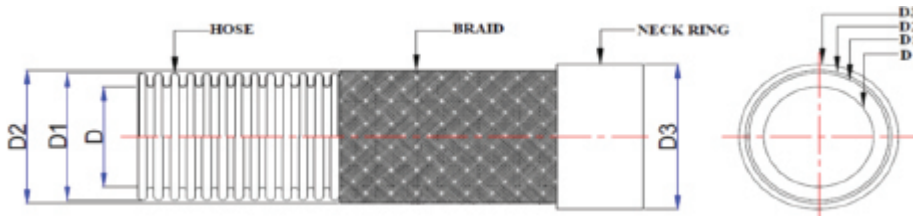
**Standards** EN ISO 10380

**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
R006MFHXR10K	6	6.3	9.6	10.8	± 0.25	95	25	77	120	180	480	0.19	0.26	
R008MFHXR10K	8	8.5	12.1	13.6	± 0.25	92	32	91	112	168	448	0.25	0.35	
R010MFHXR10K	10	10	14.1	15.7	± 0.25	93	38	105	97	145.5	388	0.29	0.43	
R012MFHXR10K	12	12.1	16.7	18.2	± 0.25	92	45	116	75	112.5	300	0.33	0.49	
R016MFHXR10K	16	16.6	21.9	23.5	± 0.25	93	58	136	60	90	240	0.54	0.75	
R020MFHXR10K	20	20.2	26.7	28.2	± 0.25	96	70	158	60	90	240	0.73	1.02	
R025MFHXR10K	25	25.3	32.3	34.2	± 0.30	95	85	182	50	75	200	1.06	1.46	
R032MFHXR10K	32	33.6	41.2	43	± 0.30	95	105	210	46	69	184	1.18	1.63	
R040MFHXR10K	40	40	49.5	51.3	± 0.30	94	130	238	42	63	168	1.58	2.20	
R050MFHXR10K	50	50.4	60.7	63	± 0.50	94	160	273	32	48	128	2.40	3.30	
R065MFHXR10K	65	62.8	76.3	78.9	± 0.50	95	200	460	30	36	120	2.35	3.49	
R080MFHXR10K	80	78.7	94.5	97.1	± 0.60	93	240	660	25	30	100	3.19	4.49	
R100MFHXR10K	100	97.8	114.2	116.7	± 0.60	90	290	750	19	23	76	4.00	5.40	








**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
R006MFHX000	1/4"	0	24 X 5 X 0.012	95	0.25	0.38	72	---	3.03	0.98	0.08
R006MFHXR10	1/4"	1	24 X 5 X 0.012	95	0.25	0.43	1740	6960	3.03	0.98	0.13
R006MFHXR20	1/4"	2	24 X 5 X 0.012	95	0.25	0.46	2610	10440	3.03	0.98	0.18
R008MFHX000	5/16"	0	24 X 6 X 0.012	92	0.34	0.48	72	---	3.58	1.26	0.10
R008MFHXR10	5/16"	1	24 X 6 X 0.012	92	0.34	0.54	1624	6496	3.58	1.26	0.17
R008MFHXR20	5/16"	2	24 X 6 X 0.012	92	0.34	0.57	2537	10148	3.58	1.26	0.24
R010MFHX000	3/8"	0	24 X 7 X 0.012	93	0.39	0.56	72	---	4.13	1.50	0.11
R010MFHXR10	3/8"	1	24 X 7 X 0.012	93	0.39	0.62	1407	5628	4.13	1.50	0.19
R010MFHXR20	3/8"	2	24 X 7 X 0.012	93	0.39	0.67	2110	8440	4.13	1.50	0.27
R012MFHX000	1/2"	0	24 X 8 X 0.012	92	0.48	0.66	65	---	4.57	1.77	0.11
R012MFHXR10	1/2"	1	24 X 8 X 0.012	92	0.48	0.72	1088	4352	4.57	1.77	0.21
R012MFHXR20	1/2"	2	24 X 8 X 0.012	92	0.48	0.76	1632	6528	4.57	1.77	0.30
R016MFHX000	5/8"	0	36 X 8 X 0.012	93	0.65	0.86	65	---	5.35	2.28	0.20
R016MFHXR10	5/8"	1	36 X 8 X 0.012	93	0.65	0.93	870	3480	5.35	2.28	0.34
R016MFHXR20	5/8"	2	36 X 8 X 0.012	93	0.65	0.98	1305	5220	5.35	2.28	0.48

Item Code	DN	Braids	Braid Construction (No of Carriers X No od 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
R020MFHX000	3/4"	0	36 X 9 X 0.012	96	0.80	1.05	43	---	6.22	2.76	0.30
R020MFHXR10	3/4"	1	36 X 9 X 0.012	96	0.80	1.11	870	3480	6.22	2.76	0.47
R020MFHXR20	3/4"	2	36 X 9 X 0.012	96	0.80	1.17	1305	5220	6.22	2.76	0.64
R025MFHX000	1"	0	36 X 9 X 0.016	95	1.00	1.27	43	---	7.17	3.35	0.39
R025MFHXR10	1"	1	36 X 9 X 0.016	95	1.00	1.33	725	2900	7.17	3.35	0.66
R025MFHXR20	1"	2	36 X 9 X 0.016	95	1.00	1.39	1088	4352	7.17	3.35	0.93
R032MFHX000	1 1/4"	0	48 X 8 X 0.016	95	1.32	1.62	43	---	8.27	4.13	0.51
R032MFHXR10	1 1/4"	1	48 X 8 X 0.016	95	1.32	1.69	667	2668	8.27	4.13	0.84
R032MFHXR20	1 1/4"	2	48 X 8 X 0.016	95	1.32	1.75	1000	4000	8.27	4.13	1.18
R040MFHX000	1 1/2"	0	48 X 9 X 0.016	94	1.58	1.95	28	---	9.37	5.12	0.66
R040MFHXR10	1 1/2"	1	48 X 9 X 0.016	94	1.58	2.02	609	2436	9.37	5.12	1.05
R040MFHXR20	1 1/2"	2	48 X 9 X 0.016	94	1.58	2.08	914	3656	9.37	5.12	1.44
R050MFHX000	2"	0	48 X 9 X 0.020	94	1.98	2.39	28	---	10.75	6.30	0.83
R050MFHXR10	2"	1	48 X 9 X 0.020	94	1.98	2.47	464	1856	10.75	6.30	1.43
R050MFHXR20	2"	2	48 X 9 X 0.020	94	1.98	2.53	696	2784	10.75	6.30	2.04
R065MFHX000	2 1/2"	0	72 X 7 X 0.020	95	2.47	3.00	15	---	18.11	7.87	0.81
R065MFHXR10	2 1/2"	1	72 X 7 X 0.020	95	2.47	3.11	435	1740	18.11	7.87	1.58
R065MFHXR20	2 1/2"	2	72 X 7 X 0.020	95	2.47	3.19	522	2088	18.11	7.87	2.35
R080MFHX000	3"	0	72 X 9 X 0.020	93	3.10	3.72	15	---	25.98	9.45	1.27
R080MFHXR10	3"	1	72 X 9 X 0.020	93	3.10	3.82	363	1452	25.98	9.45	2.14
R080MFHXR20	3"	2	72 X 9 X 0.020	93	3.10	3.90	435.6	1742.4	25.98	9.45	3.02
R100MFHX000	4"	0	72 X 10 X 0.020	88	3.85	4.05	15	---	29.53	11.42	1.75
R100MFHXR10	4"	1	72 X 10 X 0.020	88	3.85	4.59	276	1104	29.53	11.42	2.69
R100MFHXR20	4"	2	72 X 10 X 0.020	88	3.85	4.67	331.2	1324.8	29.53	11.42	3.63

**NOTE:**

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3. Contact Factory for Temperature correction Factor.
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