

**PH 2000 SERIES - MFM**

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

**Characteristics** Light Weight / Medium Flexibility

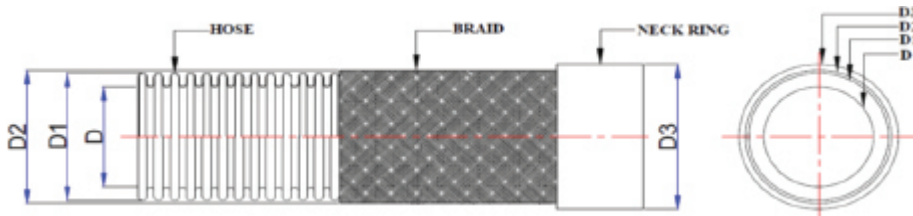
**Standards** EN ISO 10380

**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
R006MFMXR10K	6	6.3	9.6	10.8	± 0.25	94	25	110	120	180	480	0.15	0.22
R008MFMXR10K	8	8.5	12.1	13.6	± 0.25	92	32	130	112	168	448	0.18	0.27
R010MFMXR10K	10	10	14.1	15.7	± 0.25	92	38	150	97	145.5	388	0.22	0.34
R012MFMXR10K	12	12.1	16.7	18.2	± 0.25	92	45	165	75	112.5	300	0.25	0.39
R016MFMXR10K	16	16.6	21.9	23.5	± 0.25	96	58	195	60	90	240	0.38	0.57
R020MFMXR10K	20	20.2	26.7	28.2	± 0.25	94	70	225	60	90	240	0.53	0.78
R025MFMXR10K	25	25.3	32.3	33.8	± 0.30	96	85	260	50	75	200	0.62	0.88
R032MFMXR10K	32	33.6	41.2	43	± 0.30	94	105	300	46	69	184	1.04	1.55
R040MFMXR10K	40	40	49.5	51.3	± 0.30	92	130	340	42	63	168	1.28	1.86
R050MFMXR10K	50	50.4	60.7	62.6	± 0.30	96	160	390	32	48	128	1.51	2.14








**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
R006MFMX000	1/4"	0	24 X 4 X 0.012	94	0.25	0.38	72	---	4.33	0.98	0.05
R006MFMXR10	1/4"	1	24 X 4 X 0.012	94	0.25	0.43	1740	6960	4.33	0.98	0.10
R006MFMXR20	1/4"	2	24 X 4 X 0.012	94	0.25	0.47	2610	10440	4.33	0.98	0.15
R008MFMX000	5/16"	0	24 X 5 X 0.012	92	0.34	0.48	72	--	5.12	1.26	0.06
R008MFMXR10	5/16"	1	24 X 5 X 0.012	92	0.34	0.54	1624	6496	5.12	1.26	0.12
R008MFMXR20	5/16"	2	24 X 5 X 0.012	92	0.34	0.58	2537	10148	5.12	1.26	0.18
R010MFMX000	3/8"	0	24 X 6 X 0.012	92	0.39	0.56	72	---	5.91	1.50	0.07
R010MFMXR10	3/8"	1	24 X 6 X 0.012	92	0.39	0.62	1407	5628	5.91	1.50	0.15
R010MFMXR20	3/8"	2	24 X 6 X 0.012	92	0.39	0.67	2110	8440	5.91	1.50	0.23
R012MFMX000	1/2"	0	24 X 7 X 0.012	92	0.48	0.66	65	---	6.50	1.77	0.07
R012MFMXR10	1/2"	1	24 X 7 X 0.012	92	0.48	0.72	1088	4352	6.50	1.77	0.17
R012MFMXR20	1/2"	2	24 X 7 X 0.012	92	0.48	0.76	1632	6528	6.50	1.77	0.26
R016MFMX000	5/8"	0	36 X 7 X 0.012	96	0.65	0.86	65	---	7.68	2.28	0.12
R016MFMXR10	5/8"	1	36 X 7 X 0.012	96	0.65	0.93	870	3480	7.68	2.28	0.25
R016MFMXR20	5/8"	2	36 X 7 X 0.012	96	0.65	0.97	1305	5220	7.68	2.28	0.38

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
R020MFMX000	3/4"	0	36 X 9 X 0.012	94	0.80	1.05	43	---	8.86	2.76	0.18
R020MFMXR10	3/4"	1	36 X 9 X 0.012	94	0.80	1.11	870	3480	8.86	2.76	0.35
R020MFMXR20	3/4"	2	36 X 9 X 0.012	94	0.80	1.16	1305	5220	8.86	2.76	0.52
R025MFMX000	1"	0	36 X 10 X 0.012	96	1.00	1.27	43	---	10.24	3.35	0.24
R025MFMXR10	1"	1	36 X 10 X 0.012	96	1.00	1.33	725	2900	10.24	3.35	0.42
R025MFMXR20	1"	2	36 X 10 X 0.012	96	1.00	1.38	1088	4352	10.24	3.35	0.59
R032MFMX000	1 1/4"	0	48 X 8 X 0.016	94	1.32	1.62	43	----	11.81	4.13	0.36
R032MFMXR10	1 1/4"	1	48 X 8 X 0.016	94	1.32	1.69	667	2668	11.81	4.13	0.70
R032MFMXR20	1 1/4"	2	48 X 8 X 0.016	94	1.32	1.76	1000	4000	11.81	4.13	1.04
R040MFMX000	1 1/2"	0	48 X 9 X 0.016	92	1.58	1.95	28	---	13.39	5.12	0.47
R040MFMXR10	1 1/2"	1	48 X 9 X 0.016	92	1.58	2.02	609	2436	13.39	5.12	0.86
R040MFMXR20	1 1/2"	2	48 X 9 X 0.016	92	1.58	2.08	914	3656	13.39	5.12	1.25
R050MFMX000	2"	0	48 X 10 X 0.016	96	1.98	2.39	28	----	15.35	6.30	0.59
R050MFMXR10	2"	1	48 X 10 X 0.016	96	1.98	2.47	464	1856	15.35	6.30	1.02
R050MFMXR20	2"	2	48 X 10 X 0.016	96	1.98	2.53	696	2784	15.35	6.30	1.44

**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.