

STAINLESS STEEL CORRUGATED FLEXIBLE HOSE



Providing Flexible Solutions Globally

PH 2200 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

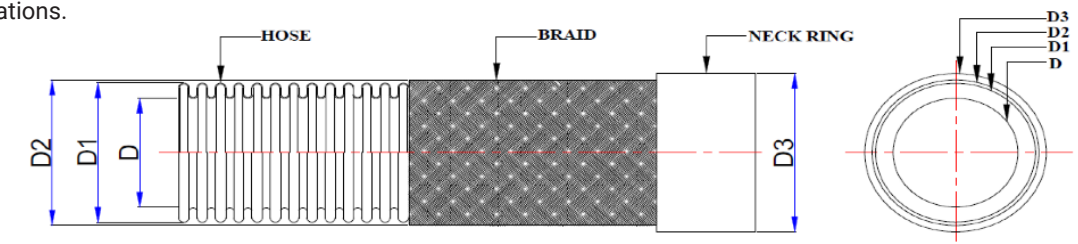
MATERIAL

Hose: Stainless steel AISI 304, AISI 321, and AISI 316L

Braiding: Stainless steel AISI 304 and AISI 316L

- Suitable Fitting Types**
- ✓ Threaded end
 - ✓ Flange end
 - ✓ Pipe end

Additional suitable fittings available as per customer specifications. Please contact Polyhose for details on specific lengths.



DN	ITEM CODE	BRAIDS	BRAID CONSTRUCTION (No of Carriers X No of Strands X Wire Diameter)	BRAID							WEIGHT
				COVERAGE	ID	OD	WP (Max) at 70°F	BP (Min) at 70°F	DYNAMIC	STATIC	WEIGHT PER FOOT
				%	(D)	(D1 & D2)	psi	psi	inch	inch	lbs
1/4"	R006MFHX000	0	24 X 6 X 0.010	95	0.248	0.378	72	-	3.031	0.984	0.076
	R006MFHXR10	1		0.248	0.425	1740	6960	0.126			
	R006MFHXR20	2		0.248	0.464	2610	10440	0.176			
5/16"	R008MFHX000	0	24 X 7 X 0.010	92	0.335	0.476	72	-	3.583	1.260	0.098
	R008MFHXR10	1		0.335	0.535	1624	6496	0.155			
	R008MFHXR20	2		0.335	0.574	2537	10148	0.211			
3/8"	R010MFHX000	0	24 X 7 X 0.012	93	0.394	0.555	72	-	4.134	1.496	0.106
	R010MFHXR10	1		0.394	0.618	1407	5628	0.197			
	R010MFHXR20	2		0.394	0.665	2110	8440	0.288			
1/2"	R012MFHX000	0	24 X 8 X 0.012	92	0.476	0.657	65	-	4.567	1.772	0.113
	R012MFHXR10	1		0.476	0.717	1088	4352	0.221			
	R012MFHXR20	2		0.476	0.763	1632	6528	0.329			
5/8"	R016MFHX000	0	36 X 8 X 0.014	93	0.654	0.862	65	-	5.354	2.283	0.202
	R016MFHXR10	1		0.654	0.925	870	3480	0.347			
	R016MFHXR20	2		0.654	0.980	1305	5220	0.492			
3/4"	R020MFHX000	0	36 X 8 X 0.014	96	0.795	1.051	43	-	6.22	2.756	0.296
	R020MFHXR10	1		0.795	1.110	870	3480	0.491			
	R020MFHXR20	2		0.795	1.165	1305	5220	0.685			
1"	R025MFHX000	0	48 X 7 X 0.014	95	0.996	1.272	43	-	7.165	3.346	0.394
	R025MFHXR10	1		0.996	1.331	725	2900	0.616			
	R025MFHXR20	2		0.996	1.385	1088	4352	0.838			
1 1/4"	R032MFHX000	0	48 X 9 X 0.014	95	1.323	1.622	43	-	8.268	4.134	0.508
	R032MFHXR10	1		1.323	1.693	667	2668	0.794			
	R032MFHXR20	2		1.323	1.748	1000	4000	1.097			
1 1/2"	R040MFHX000	0	48 X 9 X 0.016	94	1.575	1.949	28	-	9.37	5.118	0.659
	R040MFHXR10	1		1.575	2.020	609	2436	1.035			
	R040MFHXR20	2		1.575	2.082	914	3656	1.425			
2"	R050MFHX000	0	48 X 9 X 0.016	94	1.984	2.390	28	-	10.748	6.299	0.828
	R050MFHXR10	1		1.984	2.465	464	1856	1.431			
	R050MFHXR20	2		1.984	2.527	696	2784	2.033			
2 1/2"	R080MFHX000	0	72 X 8 X 0.020	95	2.472	3.004	15	-	18.11	7.874	0.813
	R080MFHXR10	1		2.472	3.106	435	1740	1.478			
	R080MFHXR20	2		2.472	3.185	653	2612	2.144			
3"	R080MFHX000	0	72 X 10 X 0.020	93	3.098	3.720	15	-	25.984	9.449	1.270
	R080MFHXR10	1		3.098	3.823	363	1452	2.023			
	R080MFHXR20	2		3.098	3.901	544	2176	2.775			
4"	R080MFHX000	0	72 X 10 X 0.020	88	3.850	4.496	15	-	29.528	11.417	1.747
	R080MFHXR10	1		3.850	4.594	276	1104	2.688			
	R080MFHXR20	2		3.850	4.673	413	1652	3.629			

WP=Working Pressure BP=Burst Pressure Test Pressure is 1.5 times of Working Pressure at 70°F. Please contact the factory for the temperature correction factor. General tolerance is applicable. Information is provided as a guide only. Polyhose reserves the right to alter or amend specifications as necessary.