

# STAINLESS STEEL CORRUGATED FLEXIBLE HOSE



Providing Flexible Solutions Globally

## PH2300 HFH SERIES

### STRUCTURE

Annular corrugated mechanical/hydroformed flexible metal hose, produced from longitudinally welded tubes with or without braiding

- Characteristics**
- ✓ Heavy weight
  - ✓ Flexible hose

**Standards:** EN ISO 10380

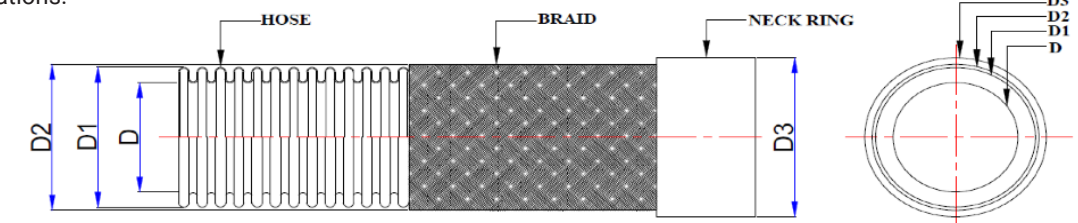
### MATERIAL

**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	ID (D)	OD (D1 & D2)	WP (Max) at 70°F psi	BP (Min) at 70°F psi	BR/r		WEIGHT PER FOOT lbs	
				COVERAGE %					DYNAMIC inch	STATIC inch		
3/4"	R020HFHX000	0	36 X 8 X 0.016	95	0.787	1.220	70	-	8.858	2.756	0.316	
	R020HFHXR10	1			0.787	1.283	943	3772				0.531
	R020HFHXR20	2			0.787	1.346	1414	5656				
1"	R025HFHX000	0	36 X 9 X 0.016	92	0.976	1.437	40	-	10.236	3.346	0.443	
	R025HFHXR10	1			0.976	1.500	754	3016				0.724
	R025HFHXR20	2			0.976	1.562	1131	4524				
1 1/4"	R032HFHX000	0	48 X 10 X 0.016	95	1.244	1.772	25	-	11.811	4.134	0.627	
	R032HFHXR10	1			1.244	1.835	609	2436				1.001
	R032HFHXR20	2			1.244	1.897	914	3656				
1 1/2"	R040HFHX000	0	48 X 11 X 0.016	95	1.587	2.165	20	-	13.386	5.118	0.759	
	R040HFHXR10	1			1.587	2.228	551	2204				1.216
	R040HFHXR20	2			1.587	2.291	827	3306				
2"	R050HFHX000	0	48 X 10 X 0.020	95	1.949	2.559	15	-	15.354	6.299	0.981	
	R050HFHXR10	1			1.949	2.638	537	2148				1.652
	R050HFHXR20	2			1.949	2.716	806	3222				
2 1/2"	R065HFHX000	0	72 X 9 X 0.020	96	2.551	3.268	12	-	18.11	7.874	1.149	
	R065HFHXR10	1			2.551	3.346	493	1972				2.023
	R065HFHXR20	2			2.551	3.425	740	2958				
3"	R080HFHX000	0	72 X 9 X 0.024	96	3.142	3.839	10	-	25.984	9.449	1.364	
	R080HFHXR10	1			3.142	3.937	392	1568				2.627
	R080HFHXR20	2			3.142	4.031	588	2352				
4"	R100HFHX000	0	72 X 11 X 0.024	96	3.929	4.724	8	-	29.528	11.417	1.935	
	R100HFHXR10	1			3.929	4.823	290	1160				3.434
	R100HFHXR20	2			3.929	4.917	435	1740				
5"	R125HFHX000	0	72 X 11 X 0.028	93	5.118	6.063	6	-	39.370	13.78	2.419	
	R125HFHXR10	1			5.118	6.201	232	928				4.516
	R125HFHXR20	2			5.118	6.311	348	1392				
6"	R150HFHX000	0	72 X 11 X 0.028	90	6.063	7.106	5	-	49.213	15.748	3.830	
	R150HFHXR10	1			6.063	7.185	174	696				6.115
	R150HFHXR20	2			6.063	7.314	261	1044				
8"	R200HFHX000	0	96 X 9 X 0.028	90	8.031	9.189	5	-	62.992	20.472	5.645	
	R200HFHXR10	1			8.031	9.291	131	524				8.366
	R200HFHXR20	2			8.031	9.440	197	786				
10"	R250HFHX000	0	96 X 12 X 0.028	90	10.000	11.181	3	-	78.740	24.409	7.053	
	R250HFHXR10	1			10.000	11.220	102	408				10.853
	R250HFHXR20	2			10.000	11.409	153	612				

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.