

 **FORSAFLEX™**

**METAL HOSE**



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## MHB60 STAINLESS STEEL METAL HOSE - DOUBLE BRAID



**Tube:** 316 corrugated stainless steel  
**Reinforcement:** 304 stainless steel single and double braid  
**Application:** For use with petroleum, chemical, steel, and power generation plants. Can also be used in heating, pump, ventilation, and air conditioning systems. It is designed for hot or cold media transfers, such as hot oil and lube oil transfers. Can also be used for jump lines and loading arms or terminal loading/off loading products.

### METAL HOSE ASSEMBLIES - 316 STAINLESS WETTED PARTS



Floating x Floating

Part Number	Hose Size	Length	Fitting A	Fitting B	Max WP	Weight / Assy
		ft			psi	lbs
MHB60-200-10	2"	10	Floating	Floating	275	44.0
MHB60-200-20	2"	20	Floating	Floating	275	76.0
MHB60-300-10	3"	10	Floating	Floating	275	61.0
MHB60-300-20	3"	20	Floating	Floating	275	103.0
MHB60-400-10	4"	10	Floating	Floating	275	98.0
MHB60-400-20	4"	20	Floating	Floating	275	163.0
MHB60-600-10	6"	10	Floating	Floating	232	163.0
MHB60-600-20	6"	20	Floating	Floating	232	277.0
MHB60-800-10	8"	10	Floating	Floating	174	251.0
MHB60-800-20	8"	20	Floating	Floating	174	421.0
MHB60-1000-10	10"	10	Floating	Floating	174	267.0
MHB60-1000-20	10"	20	Floating	Floating	174	423.0
MHB60-1200-10	12"	10	Floating	Floating	130	353.0
MHB60-1200-20	12"	20	Floating	Floating	130	551.00

\*Built with 304 stainless steel 150lb floating x floating flanges  
 See derating chart page 56.

## METAL HOSE TEMPERATURE DERATING

To calculate a working pressure derated for elevated temperature, multiply the hose working pressure shown in the catalog by the appropriate derating factor below.

**Note:** The working pressure of an assembly at elevated temperatures may be affected by fitting type, material and method of attachment.

Temp Deg °F	T304 T301*	T304L	T316	T316L	T321	T430	Copper	CS76	"Monel 400 & C22"	Inconel 600	Inconel 625	Carbon Steel*	Alum. 3003 H14
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
200	1.00	1.00	1.00	1.00	1.00	1.00	0.80	1.00	0.88	1.00	1.00	1.00	1.00
300	1.00	1.00	1.00	1.00	1.00	0.98	0.78	1.00	0.82	1.00	1.00	1.00	0.64
400	0.95	0.93	0.97	0.93	1.00	0.96	0.50	1.00	0.79	1.00	1.00	1.00	0.34
500	0.88	0.86	0.90	0.86	0.96	0.95	0.13	0.99	0.79	1.00	0.97	0.95	--
600	0.82	0.81	0.85	0.81	0.91	0.93	--	0.93	0.79	1.00	0.95	0.87	--
650	0.81	0.79	0.84	0.79	0.89	0.91	--	0.90	0.79	1.00	0.94	0.85	--
700	0.80	0.77	0.82	0.77	0.87	0.88	--	0.88	0.79	1.00	0.93	0.83	--
750	0.78	0.75	0.81	0.75	0.86	0.86	--	0.86	0.79	1.00	0.93	0.65	--
800	0.76	0.74	0.80	0.74	0.84	0.82	--	0.84	0.79	1.00	0.93	0.54	--
850	0.75	0.72	0.79	0.72	0.84	0.52	--	0.83	0.79	0.99	0.93	0.44	--
900	0.73	0.71	0.78	0.71	0.83	0.49	--	0.82	0.76	0.95	0.93	0.33	--
950	0.72	0.69	0.77	0.69	0.81	0.43	--	0.81	0.71	0.95	0.93	0.23	--
1000	0.69	0.67	0.77	0.67	0.81	0.32	--	0.80	0.48	0.93	0.93	--	--
1050	0.61	0.65	0.73	0.65	0.70	0.32	--	0.68	0.48	0.42 0.27 0.20	0.93	--	--
1100	0.49	0.61	0.62	0.61	0.55	0.32	--	0.55	0.48	0.69	0.69	--	--
1150	0.39	0.53	0.49	0.52	0.41	0.32	--	0.47	0.48	0.57	0.57	--	--
1200	0.30	0.38	0.37	0.38	0.32	--	--	0.36	--	--	0.36	--	--
1250	0.24	0.28	0.28	0.28	0.25	--	--	0.29	--	--	0.36	--	--
1300	--	0.21	0.21	0.21	--	--	--	--	--	--	0.36	--	--
<b>ASTM Form</b>	A269 Pipe	A269 Pipe	A269 Pipe	A269 Pipe	A312 Pipe	A268 Pipe	B68 Tube	B622 Pipe	B165 Pipe	B167 Pipe	B443 Pipe	BA53 Pipe	B210 Pipe

\* Do not use for temperatures lower than 32°F.

