

Vib-Absorbers

Stainless Steel and Bronze Hose Assemblies

Minimize compressor vibration right at the source with Doucette Industries' Vib-Absorber Connectors. The original flexible connectors what are still standards of the industry.



Features

- Absorb vibration and noise in refrigeration and air conditioning systems
- Extended compressor life by relieving stress on housing and cutting down bearing wear
- Prevent leakage at tube connections and cut service costs
- Long-life phosphor bronze and stainless steel construction
- Each unit individually cleaned and dried, then sealed in polyethylene bag
- Approved and specified by major compressor manufacturers

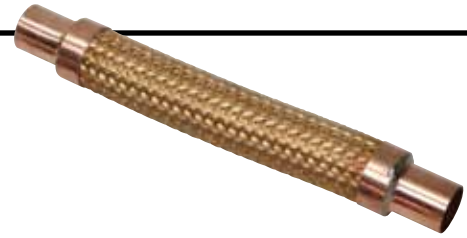
Nominal Hose I.D.	Model Number	To Fit Copper Tube		Dimensions	Max. Working Pressure at 70° F	U.L. Min. Burst Pressure (PSIG)	Approx. Weight in lbs. (bulk)
		Nominal Size	Actual O.D.	Length +/- 1/4"			
1/4	VIB-2	1/8"	1/4"	7-1/2	450	2250	.17
3/8	VIB-3	1/4"	3/8"	8-1/4	450	2250	.30
3/8	VIB-4	3/8"	1/2"	9	450	2250	.33
1/2	VIB-5	1/2"	5/8"	9-3/4	450	2250	.44
1/2	VIB-6	5/8"	3/4"	10	450	2250	.44
3/4	VIB-7	5/8"	3/4"	11-1/4	440	2200	.78
3/4	VIB-8	3/4"	7/8"	11-1/2	440	2200	.84
1	VIB-9	1	1-1/8"	13	400	2000	1.2
1-1/4	VIB-10	1-1/4"	1-3/8"	14-3/4	480	2400	2.0
1-1/2	VIB-11	1-1/2"	1-5/8"	17	420	2100	2.8
2 ^{xx}	VIB-12	2	2-1/8"	20	190	950	4.5
2	VIB-12SS	2	2-1/8"	20	420	2100	3.8
2-1/2	VIB-13SS	2-1/2"	2-5/8"	24	320	1600	5.4
3	VIB-14SS	3	3-1/8"	27	302	1510	7.5

- VIB-2 through and including VIB-11 can be provided in stainless steel construction. Pricing available on request.
- All parts are fabricated by certified brazers
- All stainless steel units are constructed with stainless steel hose and braid, copper connections
- UL File No. 6270 (UL and cUL Listed)
- ^{xx} For low side use only

WARNING

For applications below freezing, condensation may collect and freeze under braid, collapsing convolutions. Wrap entire length of Vib-Absorber with vapor barrier tape, heat sink P.V.C. or seal with other waterproof material.

Bronze Hose Assemblies



Type B-HCM

IPT Hex Copper Male Fittings

Type B-CFC

IPT Hex Copper Female Couplings

Type B-BFU-HCM

IPT Hex Bronze Female Union
IPT Hex Copper Male Fitting

Type B-BFU

IPT Bronze Female Unions

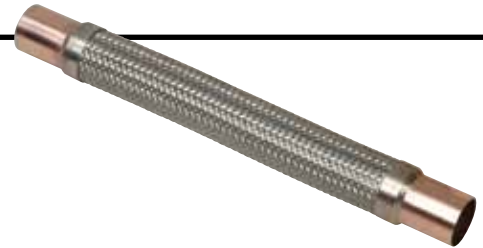
Measurement and Pressure Information

Additional fitting arrangements available in various alloys.

Hose I.D.	Working Pressure (PSIG)		Theoretical Pressure (PSIG)	
	@ 70° F	@ 450° F	@ 70° F	@ 450° F
1/4"	1506	1130	6024	4518
3/8"	950	713	3800	2850
1/2"	909	682	3615	2711
3/4"	758	569	3033	2275
1"	616	462	2465	1849
1-1/4"	471	353	1885	1414
1-1/2"	448	336	1792	1344
2"	359	269	1434	1076

Doucette Industries' bronze pull-out assemblies are designed to permit maintenance of operating compressors without disconnecting them from air conditioning or refrigeration systems. Assemblies are fabricated from annular convoluted bronze hose, bronze wire braided. Standard units are equipped with 45° SAE brass female swivel flare couplings each end to facilitate rapid installation. Male flare by female flare is also available. Should customized lengths be necessary, please contact us with your requirements. Units are ideally suited for freon applications.

Stainless Steel Hose Assemblies



Type SS-SSMN

IPT SS Male Nipples

Type SS-SSWN

IPT SS Welding Nipples (beveled for welding)

Type SS-SSHMN

IPT SS Hex Male Fittings (1/4" - 2")

Type SS-SSFU

IPT SS Female Unions

Type SS-SSFC

IPT SS Female Couplings

Type SS-SSRF

- Furnished with rigid plate steel flanges (150 lb. ASA drilling)
- 150 lb. ASA forged carbon steel raised face slip-on, weld neck & lap joint (Vanstone) floating flanges available. Higher pressure rated steel & SS flanges also available.

Measurement and Pressure Information

Assemblies with higher pressure ratings are available.

Hose I.D.	Working Pressure (PSIG)		Theoretical Pressure (PSIG)	
	@ 70° F	@ 850° F	@ 70° F	@ 850° F
1/4"	3203	2082	12812	8328
3/8"	2310	1502	9239	6005
1/2"	1344	874	5376	3494
3/4"	990	644	3960	2574
1"	714	464	2865	1856
1-1/4"	664	432	2656	1726
1-1/2"	590	384	2359	1533
2"	648	421	2592	1685
2-1/2"	484	315	1935	1258
3"	395	257	1580	1027
4"	290	189	1159	754

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