

VRC型避震波纹金属软管由波纹管、接头、网套、压圈、紫铜接管组合焊接而成，用来避震的连接管，可以防止管路因高频震动引起的开裂，用于冷冻、冷藏和空气调节装置的压缩机吸排气管。

安装方式：采用ODF接口钎焊。

VRC型避震波纹金属软管采用具有优良弹性和吸震能力的不锈钢环形波纹管，提高了产品的吸震性能。

先将波纹管与不锈钢接头进行炉中钎焊，再装入不锈钢网套和不锈钢压圈，经扣压固定后，采用三位一体氩弧焊将接头、网套、压圈焊接牢固，然后将紫铜接管插入接头钎焊而成。

VRC型避震波纹金属软管具有安全、强度高、耐腐蚀、耐热，同时具有良好的吸震和补偿热位移、安装偏差和基础沉降及降低噪声等特点。

- 适用制冷剂：HCFC/HFC
- 适用介质温度：-40℃~+150℃
- 最大耐压压力：最大工作压力的1.5倍

VRC type vibration resistant corrugated metal hose is welded assembly of corrugated metal hose, metal connector, braided metallic wire sleeve, metal clamping ring and copper tube. It is a kind of vibration resistant pipe to be used to prevent the piping from break caused by vibration. It can be used on the suction and exhaust piping of compressor in the refrigeration, cold storage and air conditioning unit.

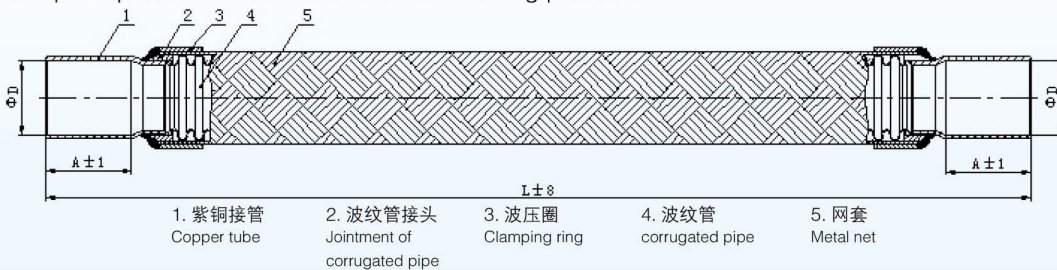
Installation method: ODF connection soldering is used.

VRC type vibration resistant corrugated metal hose improves the vibration damping ability as its stainless steel annularly corrugated hose has excellent elasticity and vibration damping ability.

Pressing the corrugated metal hose into stainless steel connector firstly, and weld them together by argon shielded arc welding. Then cover the stainless steel wire sleeve on it and clamp and fix it by the stainless steel clamping ring. Welding the metal connector, the braided metal wire sleeve and the metal clamping ring into one by argon shielded arc welding. Finally, pressing the copper tube into the metal connector and weld them together by argon shielded arc welding.

VRC type vibration resistant corrugated metal hose features safety, high mechanical strength, corrosion resistance and heat-resistant as well as low noise and perfect vibration resistant and good compensation for the heat displacement, installation deviation and foundation settlement.

- Applicative refrigerants: HCFC/HFC
- Applicative medium temperature: -40 C ~ +150 C
- Max. proof pressure: 1.5 times of the max. working pressure.



型号 Model	规格 Size(inch)	外形尺寸 Outline size(mm)			最大工作压力 Max.working pressure (MPa)	最小弯曲半径 Min. Bending radius(mm)	
		A	L	D		静态 Static (Rj)	动态Dynamic (Rd)
VRC-03	3/8"	16	210	9.7 <sup>+0.15</sup> <sub>0</sub>	4.2	80	180
VRC-04	1/2"	18	230	12.8 <sup>+0.2</sup> <sub>0</sub>	4.2	95	215
VRC-05	5/8"	20	250	16.1 <sup>+0.2</sup> <sub>0</sub>	4.2	120	270
VRC-06	3/4"	22	260	19.1 <sup>+0.2</sup> <sub>0</sub>	4.2	145	325
VRC-07	7/8"	26	300	22.3 <sup>+0.2</sup> <sub>0</sub>	4.2	160	360
VRC-08	1"	32	330	25.6 <sup>+0.2</sup> <sub>0</sub>	4.2	175	400
VRC-09	1-1/8"	30	330	28.7 <sup>+0.2</sup> <sub>0</sub>	4.2	175	400
VRC-10	1-1/4"	50	400	32.1 <sup>+0.2</sup> <sub>0</sub>	3.5	225	510
VRC-11	1-3/8"	35	400	35.2 <sup>+0.2</sup> <sub>0</sub>	3.5	225	510
VRC-13	1-5/8"	42	400	41.5 <sup>+0.2</sup> <sub>0</sub>	2.5	280	640
VRC-17	2-1/8"	65	520	54.2 <sup>+0.25</sup> <sub>0</sub>	2.5	350	800
VRC-21	2-5/8"	75	610	66.8 <sup>+0.25</sup> <sub>0</sub>	2.0	390	840