

MATERIAL SPECIFICATION SHEET



Vibration Absorber with Copper Connection

Installed in the suction and discharge lines of air conditioning and refrigeration systems, they are designed to minimize the transmission of compressor-induced vibrations through system piping ensuring smoother and quieter operation.



Material

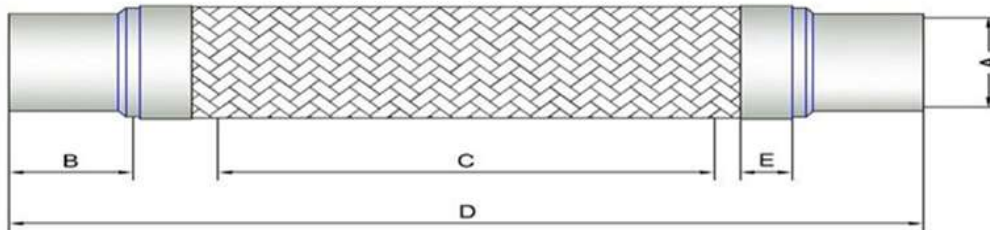
- Corrugated Tube | Wire Braid: 304 Stainless Steel
- Grooved Ferrule | Ferrule: 304 Stainless Steel
- Tube End: Copper

Conforms to Standards

- CSA-C22.2 No. 140.3, Refrigerant-Containing Components for Use in Electrical Equipment
- UL 207, Refrigerant-Containing Components and Accessories, Nonelectrical
- Recognized under UL's Component Recognition Program and is CRN approved

Technical Specification

- Permissible working temperature from: -40°C (-40°F) to +120°C (248°F)
- Under working pressure, extension rate: ~2% of initial length
- Maximum working pressure: as per table below



Dimension Specification

Model No.	Actual OD of Copper tubing (inch)	Dimensions (mm)					Max Working Pressure (psig)	Burst Pressure (psig)	Weight (lbs)
		A (I.D)	B (±3)	C (±3)	D (±3)	E (±3)			
624010000	1/4"	6.7	17	133	202	10	650	3250	0.26
624010002	3/8"	9.6	18	141	215	10	650	3250	0.26
624010004	1/2"	12.8	18	151	225	10	650	3250	0.31
624010005	5/8"	16.2	20	169	247	10	650	3250	0.44
624010006	3/4"	19.2	23	180	266	11	650	3250	0.63
624010007	7/8"	22.5	25	211	301	11	650	3250	0.67
624010010	1-1/8"	28.8	32	223	329	12	600	3000	0.96
624010012	1-3/8"	35.3	35	274	392	14	550	2750	1.42
624010015	1-5/8"	41.7	40	295	425	16	510	2550	1.97
624010020	2-1/8"	54.5	50	370	520	16	400	2000	3.04
624010025S	2-5/8"	67.0	60	434	613	19	350	1750	5.22
624010030S	3-1/8"	79.6	70	481	680	19	320	1600	7.56
624010035S	3-5/8"	92.5	85	579	812	21	190	570	9.7
624010040S	4-1/8"	104.9	90	589	832	21	190	570	11.29