

VENA® HT-HTD Sil7212

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**APPLICATIONS**

Conduction at high temperatures, engine exhaust fume extraction, electronic units cooling and welding gas aspiration.

PROPERTIES

- Excellent flexibility.
- Excellent resistance to thermal aging and oxidizing agents (oxygen, ozone, UV).
- Operational temperature range from -55°C (-67 F) to +260°C (500 F), it may reach up to 300°C (572 F) during short periods of time
- There is the possibility to manufacture the cuffs end in inner and outer smooth appearance, a good alternative to get and easier hose installation.
- The standard manufacturing length is 4 meters long (13.12 ft.), although it can be manufactured in 6m long (19.69 ft) in some diameters.

CONSTRUCTION

- HT 7212: This product is manufactured with one glass fiber reinforcement coated with special silicone rubber in both sides and steel wire visible inside the tube.
- HTD 7212: This product is manufactured with two glass fiber reinforcement coated with special silicone rubber in both sides and encased steel wire spring.

The fiberglass covered with silicone used is in accordance with the RoHS Directive 2002/95/EC and its subsequent amendments including the RoHS2 Directive 2011/65/EU and RoHS3 Directive 2015/863.

Meets flammability test according:

- Vertical Flammability Test according to CS/FAR 25.853 (a) App. F, Part I, (a)(1)(ii)
- Horizontal Flammability Test according to CS/FAR 25.853 (a) App. F, Part I, (a)(1)(iv)
- Optical Smoke Density test (NBS chamber) according to CS/FAR 25.853 (d) App. F, Part V

Inner Diameter		Outer Diameter HT		Wall Thickness HT	Outer Diameter HTD		Wall Thickness HTD
mm	inch	mm	inch	mm	mm	inch	mm
25	1	27,5	1 5/64	1,3	28,1	1 7/64	1,6
30	1 3/16	32,5	1 9/32	1,3	33,1	1 19/64	1,6
32	1 1/4	34,5	1 23/64	1,3	35,1	1 3/8	1,6
35	1 3/8	38,2	1 1/2	1,6	38,8	1 17/32	1,9
38	1 1/2	41,2	1 5/8	1,6	41,8	1 41/64	1,9
40	1 37/64	43,2	1 45/64	1,6	43,8	1 23/32	1,9
44	1 3/4	47,2	1 55/64	1,6	47,8	1 7/8	1,9
45	1 49/64	48,2	1 57/64	1,6	48,8	1 59/64	1,9
48	1 57/64	51,2	2 1/64	1,6	51,8	2 3/64	1,9
51	2	54,2	2 9/64	1,6	54,8	2 5/32	1,9
55	2 11/64	58,2	2 19/64	1,6	58,8	2 5/16	1,9
60	2 23/64	63,2	2 31/64	1,6	63,8	2 33/64	1,9
63	2 1/2	66,2	2 39/64	1,6	66,8	2 5/8	1,9
65	2 9/16	68,2	2 11/16	1,6	68,8	2 45/64	1,9
70	2 3/4	73,2	2 7/8	1,6	73,8	2 29/32	1,9
76	3	79,2	3 1/8	1,6	79,8	3 9/64	1,9
80	3 5/32	83,2	3 9/32	1,6	83,8	3 19/64	1,9
83	3 17/64	86,2	3 25/64	1,6	86,8	3 27/64	1,9
90	3 1/2	93,8	3 11/16	1,9	94,4	3 23/32	2,2
95	3 47/64	98,8	3 57/64	1,9	99,4	3 29/32	2,2
100	3 15/16	103,8	4 3/32	1,9	104,4	4 7/64	2,2
102	4	105,8	4 11/64	1,9	106,4	4 3/16	2,2
110	4 21/64	113,8	4 31/64	1,9	114,4	4 1/2	2,2
114	4 1/2	117,8	4 41/64	1,9	118,4	4 21/32	2,2
120	4 23/32	123,8	4 7/8	1,9	124,4	4 57/64	2,2
127	5	130,8	5 5/32	1,9	131,4	5 11/64	2,2
130	5 1/8	133,8	5 17/64	1,9	134,4	5 19/64	2,2
140	5 33/64	143,8	5 21/32	1,9	144,4	5 11/16	2,2
150	5 29/32	153,8	6 1/16	1,9	154,4	6 5/64	2,2
152	6	155,8	6 9/64	1,9	156,4	6 5/32	2,2
160	6 19/64	163,8	6 29/64	1,9	164,4	6 15/32	2,2
170	6 11/16	174,2	6 55/64	2,1	174,8	6 7/8	2,4

180	7 3/32	184,2	7 1/4	2,1	184,8	7 9/32	2,4
203	8	207,2	8 5/32	2,1	207,8	8 3/16	2,4
220	8 21/32	224,2	8 53/64	2,1	224,8	8 27/32	2,4
254	10	258,2	10 11/64	2,1	258,8	10 3/16	2,4
300	11 13/16	304,2	11 31/32	2,1	304,8	12	2,4