

Vena SIL 700/V SUCTION HOSE AT 180 C light blue

HOSES › Silicone rubber hoses and sleeves

Highly flexible silicone hose for cooling systems.

Highly flexible silicone hose for heating and cooling systems in the industrial sector.

APPLICATIONS

Transport of liquids or semi-liquids at high temperature by suction or impulse (can resist pressure or vacuum). Suitable for heating and cooling systems in vehicles, in the industrial sector also for the transport of fluids at high temperatures in general where a certain degree of flexibility is required. These hoses are suitable for the transport of fluids both in delivery, impulse or suction.

Property:

- Not affected by antifreeze fluids or rust.
- High resistance to hardening with excellent compression characteristics.
- Smooth internal and external appearance and blue color.
- Excellent resistance to thermal aging and oxidizing agents (oxygen, ozone, UV).
- Operating temperature range -50° to +180°C, can reach 200°C for short periods of time.
- The vacuum resistance for this hose is 0.80 bar (11.60 psi).

Construction:

- This reference is made with two polyester fabric reinforcements and encapsulated cooperated steel spring wire.

Alternative version:

SIL 700/V RA : internal layer made of R/A silicone resistant to oil mist, internal layer red

SIL 700/V FVMQ : internal layer made of black FVMQ silicone, with high resistance to hydrocarbons

SIL 700/V FKM : internal layer made of black FKM with greater resistance to suspended oil particles

PLASTIC SIL 700/V : Manufactured with a plastic spring wire, to avoid oxidation and possible accidents for operators during cutting or handling.

Production length From 1 to 4 m. Shorter lengths on request

This hose complies with SAE J20R2 Class A standards

The material complies with the RoHS Directive 2002/95/EC and its subsequent amendments, including the RoHS2 Directive 2011/65/EU and the RoHS3 Directive 2015/863.

This product is not recommended for transporting abrasive particles.



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INTERNAL

WALL

MAXIMUM

PRESSURE

RADIUS

DIAMETER	THICKNESS	PRESSURE EXERCISE	BANG	OF CURVATURE
mm	mm	bar at 20°C	bar at 20°C	mm
6	5.00	18.8	56.4	21
8	5.00	18.1	54.4	24
10	5.00	17.5	52.4	28
13	5.00	16.5	49.5	34
16	5.00	15.6	46.7	41
18	5.00	15.0	44.9	46
19	5.00	14.7	44.0	49
22	5.00	13.8	41.4	57
25	5.00	13.0	38.9	66
28	5.00	12.2	36.6	76
30	5.00	11.7	35.1	82
35	5.00	10.5	31.5	101
38	5.00	9.8	29.5	113
40	5.00	9.4	28.2	121
45	5.00	8.4	25.5	143
48	5.00	7.9	23.6	158
51	5.00	7.3	22.0	173
55	5.00	6.7	20.0	193
60	5.00	6.0	18.1	221
63	5.00	5.7	17.0	239
70	5.00	4.9	14.8	283
76	5.00	4.5	13.5	324
80	5.00	4.3	12.8	352
85	5.00	4.1	12.2	390
90	5.00	4.0	12.0	429
100	5.00	4.1	12.3	513