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Vena HOSE SIL 800 - 180 high pressure

HOSES › Silicone rubber hoses and sleeves

This hose is particularly recommended for heating and cooling systems in vehicles and in the industrial sector and for places where high pressure resistance is required and where a high degree of flexibility is required. This tube is capable of transporting liquids or semi-liquids by impulse or suction, as its structure can resist pressure or vacuum.

STRUCTURE:
VMQ quality silicone (Vinyl Methyl Quality) with two polyester fabric reinforcements and steel wire spiral inside
WALL THICKNESS: 4.2mm (1.00/-0.50mm)

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PROPERTY':
- Not affected by anti-freeze or anti-rust liquids.
- Excellent resistance to thermal aging and oxidizing agents (oxygen, ozone, UV).
- Highly temperature resistant with excellent compression characteristics.
- Internal and external corrugated appearance On request, it can also be supplied in other colors.
- Operating temperature range from -50°C (-58 F) to +180°C (356 F), can reach up to 200°C (392 F) during short periods of time.
- Product usually manufactured in 4m lengths, but can be manufactured in shorten lengths with smoothed ends.
- The operating pressure and breaking load were determined through pressure tests in accordance with ISO 1402/2009.
- The vacuum resistance for this hose is 0.80 bar (11.60 psi)
- Standard color Blue, also in other colors on request.

LIMITATIONS:
Respect the radius of curvature and the values established for the working pressure. Diesel and oil stains do not damage the hoses, but they should not be used to transport fuel or oil, nor be immersed in these liquids. Pay attention to the chemical compatibility of the fluid with silicone. This product is not recommended for transporting abrasive particles.

CERTIFICATIONS:
- Meets or exceeds the operational requirements of SAE J20 R1 Class A.

- The silicone for this hose is classified as M1 according to UNE 23.727-90 and as F2 according to NF F 16-101.
- The combustion, smoke and drip class of this reference is S-3, SR-2 and ST-2 according to DIN 54837: 2007 test standard and DIN 5510-2: 2009 classification standard

Dimensions hole mm	Pressure of work Cafe	Pressure of explosion Cafe	radius of curvature mm
6	12.5	37.4	46
8	11.4	34.1	46
10	10.5	31.4	46
16	8.6	25.9	49
18	8.20	24.5	51
25	6.90	20.7	59
28	6.40	19.3	64
30	6.20	18.5	67
32	5.90	17.8	71
38	5.20	15.7	84
40	5.0	15.1	89
42	4.9	14.6	94
45	4.6	13.7	103
51	4.1	12.3	122
52	4.0	12.0	125
53	3.9	11.8	129
55	3.8	11.4	136
60	3.5	10.4	156
63	3.3	9.8	168
70	2.8	8.5	200
76	2.5	7.6	231
80	2,3	7.0	253
90	1.9	5.6	313
100	1.5	4.4	380