



Applications

By its flexibility and reduced size, these hoses are recommended for air and fluid ancillary conductions (windscreen wipers circuit, vacuum gauges, discharge valves...) and for high temperatures in vehicles and in the industrial sector.

Properties

- Not affected by anti-freeze or antirust liquids.
- Highly resistant to hardening with very good compression characteristics.
- Excellent flexibility during the assembly process.
- Smooth inner and outer appearance.
- Standard wall thickness from 1.5 to 3mm (0.05 to 0.11 inches).
- Excellent resistance to thermal aging and oxidizing agents (oxygen, ozone, UV).
- Operational temperature range from -60°C (-75 F) to +180°C (356 F), it may reach up to 200°C (392 F) during short periods of time.
- The standard manufacturing length is 50 meters long (164.04 ft.), although it is available in shorter lengths if necessary.

Limitations

Mind the chemical compatibility of the fluid with the silicone.

Gas oil and oil stains do not damage the tubes, but they should not be used to transport fuel or oil, nor be submerged in these liquids.

This product is not recommended for the transport of abrasive particles.

Regulations

Silicone rubber used is in accordance with EU Directive 2002/95/ECC for Restriction of the use of hazardous substances (RoHS).

Inner Diameter		Outer Diameter	
<i>mm</i>	<i>inch</i>	<i>mm</i>	<i>inch</i>
3.20	1/8	7.20	9/32
4	5/32	8	5/16
4	5/32	10	25/64
5	13/64	10	25/64
6	15/64	10	25/64
6	15/64	12	15/32
8	5/16	12	15/32
8	5/16	14	35/64
9	23/64	14	35/64
10	25/64	14	35/64
10	25/64	16	5/8

Construction

Vena[®] Sil Vacuum is only manufactured in silicone, without textile reinforcement, and it is available in different colour range