

VENA[®] SIL GLASS

Straight silicone hose
for high temperatures



APPLICATIONS:

This reference is recommended for the transport of clean air by impulsion and as a metal fitting connection, specially indicated to resist tension and tightness of vibrations at high temperatures. Suitable for use in straight lengths, with no bending requirements. It can be used in cooling and heating systems in buses, coaches, trucks, industrial vehicles, cooling systems in cogeneration units and marine engines, and transport of high temperature fluids in general industry.



> MATERIAL:

High temperature resistant silicone.



OUTER APPEARANCE:

Smooth and blue.

> CERTIFICATIONS:

Material used is in accordance with EU Directive 2015/863 for Restriction of the use of hazardous substances (RoHS 3).

> CONSTRUCTION:

This reference is manufactured with three glass fiber fabric reinforcements.

> STANDARD WALL THICKNESS:

It is possible to produce any special shaped hose (e.g. elbow, reducer, etc.) upon request.

> STANDARD LENGTH:

From 1 to 4m (3 to 13ft). Can be cut to shorter lengths upon request.



TEMPERATURE RANGE:

-55°C / +235°C
(peaks up to 250°C)
-67°F / +455°F
(peaks up to 482°F)



Applications

This reference is recommended for the transport of clean air by impulsion and like metal fitting connection, specially indicated suited to resist tension and tightness of vibrations at high temperatures.

It is especially recommended for pressurized air or water conduction at high temperatures, it can be used in vehicles and in the industrial sector.

For use in cooling and heating systems in buses, coaches, trucks, industrial vehicles, cooling systems in cogeneration units and marine engines, and transport of high temperature fluids in general industry.

It is recommended for the use in straight sections without curves.

Limitations

Respect the work pressure established values.

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 type of tube is not recommended for applications with negative pressure (vacuum).

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).

Properties

- Not affected by anti-freeze or antirust liquids.
- Highly resistant to hardening with very good compression characteristics.
- Smooth brown red inner and blue outer appearance.
- Excellent resistance to thermal aging and oxidizing agents (oxygen, ozone, UV).
- Operational temperature range from -60 °C (-75 F) to +235 °C (455 F), it may reach up to 250°C (482 F) during short periods of time.
- The standard manufacturing length is 4 meters long (13.12 ft), although it is available in shorter lengths if necessary.

Construction

This reference is manufactured with three glass fiber fabric reinforcements.