

Silicone Peroxide Braided Hose Datasheet

Product Code: RC07340

Product Description

Peroxide vulcanised braided hose holds excellent mechanical properties constantly over the entire temperature range. The product is UV and Ozone resistant, resistant to many chemicals and has a very good fire resistance.

It holds non-toxic combustion gases and is completely free of plasticisers.

We can confirm the materials used within the product comply to XV BFR, CFR 21 FDA § 177.2600 and EC 1935/2004 and are manufactured with the best production practices to ensure compliance.

Material: Peroxide Silicone Hose with Polyester Reinforcement

Available Grades: GP70



UV & Ozone
Resistant



Chemical-
Resistant



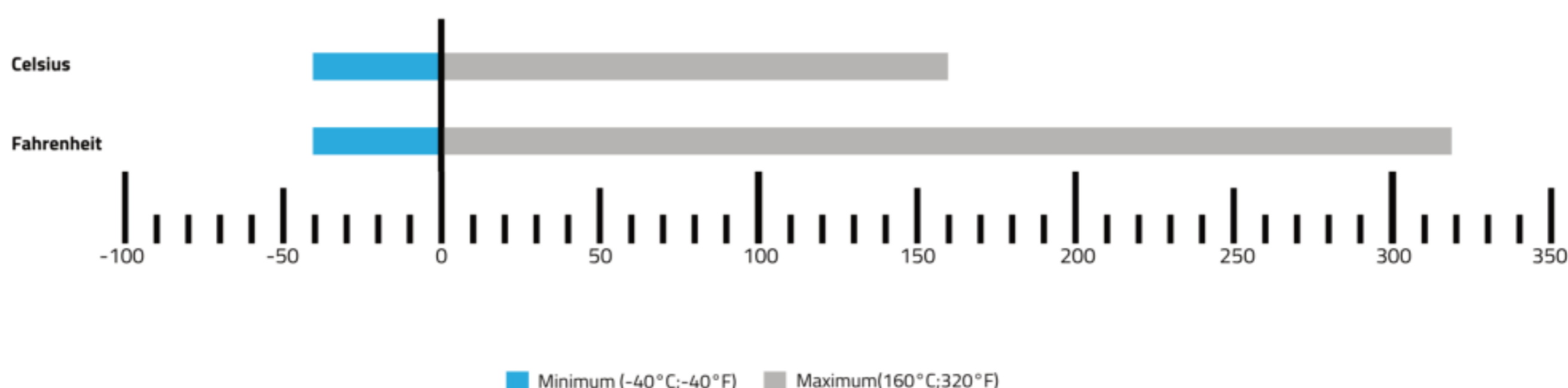
Fire
Resistance

Available In -



Cut to Size

Temperature Range



Environmental Resistance

Silicone rubber products have an excellent resistance to:

- Ozone
- Oxidation
- Ultraviolet light
- Corona discharge
- Cosmic radiation
- Ionising radiation
- Weathering in general



The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. The Rubber Company cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.

Availability Format

- Supplied in continuous coils of 25m or 50m
- Cut lengths available
- Available with glass fibre and other reinforcements on request

Available Sizes

Size*	Burst Pressure**
3.00(±0.2)x2.50(±0.2)	60 Bar
4.00(±0.3)x2.50(±0.3)	50 Bar
5.00(±0.3)x3.20(±0.3)	40 Bar
6.00(±0.3)x2.95(±0.3)	40 Bar
8.00(±0.3)x3.20(±0.3)	40 Bar
9.50(±0.3)x3.20(±0.3)	35 Bar
12.50(±0.3)x3.20(±0.3)	35 Bar
16.00(±0.3)x4.80(±0.3)	30 Bar
19.00(±0.4)x5.80(±0.3)	25 Bar
25.00(±0.4)x6.00(±0.3)	15 Bar

*Sizes are ID x Wall and in mm

**Burst pressure at room temperature, medium water

Please be aware not all sizes are stocked in all colours.

Typical Applications

- Automotive
- Domestic & Commercial
- Catering
- Electronics
- Construction
- Energy
- Food & Beverage
- Heating & Ventilation (HVAC)
- Industrial
- Insulation
- Lighting
- Marine



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Mechanical Properties

Property	Standard	Result
Hardness (Shore A)	DIN 53505	70° ± 5
Material Inner Sleeve		Peroxide Silicone Transparent
Material Reinforcement		Polyester-Multifilament
Material Coating		Peroxide Silicone Red or Blue

Accreditations

Silicone Compounds used are:

- FDA 21 CFR 177-2600 compliant
- BfR compliant
- EU 1935/2004



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