

Technical Data Sheet

Fluorosilicone Hose



Material

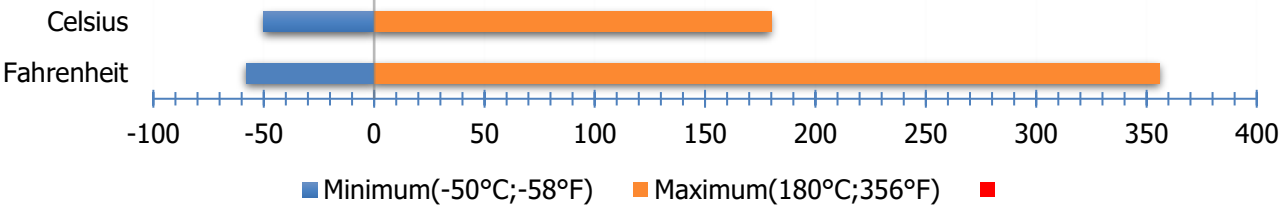
Fluorosilicone Hose



Available Grades

70°sh IHRD
Dark green outer/Black inner

Temperature Range



Silicone Compound

• Hardness	(IHRD)	70±5
• Density	(g/cm³)	1.22 ±0.5
• Tensile Strength	(Mpa)	7 min
• Elongation at break	(%)	200 min
• Tear Strength	(KN/m)	15 min
• Compression set	(%)	18 max
• Minimum burst pressure	(bar)	6mm 26.6 bar to 152mm 3.2mm

Reinforcement Fabric

• Yard	High quality polyester fabric
• Ply	3, 4 & 5

Construction

• Inner liner	1mm minimum
• Layers of reinforcements	3 ply wall 4.6mm ±0.30mm for diameter 6mm to 48mm 4 ply wall 5.1mm ±0.30mm for diameter 50mm to 85mm 5 ply wall 5.5mm ±0.30mm for diameter 89mm and above

This information and our technical advice, whether verbal, in writing or by way of trials, is given in good faith but without warranty. This also applies where proprietary rights are involved. Our advice does not release you from the obligations to check its validity and to test our products as to their suitability for their intended use. The storage, application and use of our products are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale. The information contained within this data sheet is subject to change without notice. Issue date 01.01.2019.

SILEX LTD

Silex Ltd, Unit 10, Oakhanger Farm Business Park, Oakhanger, Bordon, Hampshire, GU35 9JA. Tel 00 44 1420 470360 , Fax 00 44 1420 472802
E-Mail: sales@silex.co.uk, Website: www.silex.co.uk, Registered company number: 1951973. Place of registration: England & Wales.

Burst Pressure Rating Chart

Inner Diameter	Burst Pressure Rating (Bar)	Actual Burts Pressure (Bar)
6 (mm)	34	
8 (mm)	32	
9.5 (mm)	30	(41)
12.7 (mm)	28.8	
14 (mm)	26.6	
16 (mm)	25.8	(29)
19 (mm)	22	
22 (mm)	20.5	
25.4 (mm)	19	(25)
28 (mm)	18.8	
30 (mm)	18.5	
32 (mm)	18.2	
35 (mm)	17.2	
38 (mm)	16.6	
40 (mm)	16.1	
42 (mm)	15.5	
45 (mm)	14.2	
48 (mm)	13.8	
50.8 (mm)	16	(18)
54 (mm)	14.8	
55 (mm)	14.6	
57 (mm)	13.8	
60 (mm)	13	
63 (mm)	12.6	(16)
65 (mm)	12.2	
70 (mm)	10.2	
76 (mm)	9.5	(14)
80 (mm)	8.1	
83 (mm)	7	
85 (mm)	6.9	
89 (mm)	8.5	
95 (mm)	7.4	
102 (mm)	6	
115 (mm)	5.6	
127 (mm)	5	
140 (mm)	4.6	
152 (mm)	4.2	

Technical Data Sheet

Fluorosilicone Hose



General Information

Fluorosilicone lined silicone hoses are designed for fuel, oil and chemical resistance.

These hoses can be used to protect against OAT coolants and aggressive rust inhibitors.

This information and our technical advice, whether verbal, in writing or by way of trials, is given in good faith but without warranty. This also applies where proprietary rights are involved. Our advice does not release you from the obligations to check its validity and to test our products as to their suitability for their intended use. The storage, application and use of our products are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale. The information contained within this data sheet is subject to change without notice. Issue date 01.01.2019.

SILEX LTD

Silex Ltd, Unit 10, Oakhanger Farm Business Park, Oakhanger, Bordon, Hampshire, GU35 9JA. Tel 00 44 1420 470360 , Fax 00 44 1420 472802
E-Mail: sales@silex.co.uk, Website: www.silex.co.uk, Registered company number: 1951973. Place of registration: England & Wales.