

SILEX

SILICONES



Certificate No. 0372

Castellated Wire Wound Silicone Hose Data Sheet

Castellated hoses consist of an integral silicone liner, 3 plies of polyester reinforced silicone, a 1.2mm thick galvanised steel wire helix running inside the wall of the hose and convoluted outer.

The result is a supremely flexible hose suitable for coolant and air applications with all the advantages of silicone such as optimum performance across a temperature range of -70°C + 170°C and resistance to both positive and negative pressures. Silicone is also UV resistant and complies with SAE J20 Class A standards.

Castellated hoses can be easily fitted onto applications which may otherwise have required a shaped hose to be supplied. In this the Castellated hose provides a quick fix solution and eliminates tooling costs.

Our aesthetically pleasing Castellated hose is available as standard in blue in 1000mm lengths at the following ID's

12.7mm	30mm	48mm
16mm	32mm	51mm
19mm	35mm	55mm
22mm	38mm	57mm
25mm	41mm	60mm
28mm	45mm	

**please note that the uniqueness of the products flexibility begins to dissipate after 38mm.*

Bore mm	No. of Ply	Rubber Thickness	Wire Thickness
12.7	3	4mm	1.2mm
16	3	4mm	1.2mm
19	3	4mm	1.2mm
22	3	4mm	1.2mm
25.4	3	4mm	1.2mm
28	3	4mm	1.2mm
30	3	4mm	1.2mm
32	3	4mm	1.2mm
35	3	4mm	1.2mm
38	3	4mm	1.2mm
41	3	4mm	1.2mm
45	3	4mm	1.2mm
48	3	4mm	1.2mm
51	3	5mm	1.2mm
55	3	5mm	1.2mm
57	3	5mm	1.2mm
60	3	5mm	1.2mm

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