



Working Pressure Guidelines for Samco Xtreme Silicone/Aramid Hose

Samco Sport Xtreme - 4 Ply Aramid Reinforced Silicone Hoses

Bore (mm)	Wall Thickness	Burst Pressure (Psi)	Burst Pressure (Bar)	Working @ 3:1 (Psi)	Working @ 3:1 (Bar)	Recommended	
						Working @ 4:1 (Psi)	Working @ 4:1 (Bar)
51mm (2") Bore	4mm	252	17.4	84	5.8	63	4.3
54mm (2 ¹ / ₈ ") Bore	4mm	239	16.5	80	5.5	60	4.1
57mm (2 ¹ / ₄ ") Bore	4mm	228	15.7	76	5.2	57	3.9
60mm (2 ³ / ₈ ") Bore	4mm	217	15.0	72	5.0	54	3.7
63mm (2 ¹ / ₂ ") Bore	4mm	208	14.3	69	4.8	52	3.6
65mm (2 ⁹ / ₁₆ ") Bore	4mm	202	13.9	67	4.6	51	3.5
67mm (2 ⁵ / ₈ ") Bore	4mm	194	13.4	65	4.5	49	3.3
70mm (2 ³ / ₄ ") Bore	4mm	189	13.0	63	4.3	47	3.3
76mm (3") Bore	4mm	176	12.1	59	4.0	44	3.0
80mm (3 ¹ / ₈ ") Bore	4mm	168	11.6	56	3.9	42	2.9
83mm (3 ¹ / ₄ ") Bore	4mm	162	11.2	54	3.7	41	2.8
89mm (3 ¹ / ₂ ") Bore	4mm	152	10.5	51	3.5	38	2.6
102mm (4") Bore	4mm	135	9.3	45	3.1	34	2.3

This data applies to all standard hoses in the SamcoSport Xtreme range.

All figures are taken from Silflex Ltd test data. All data developed by burst profiling at standard conditions. Performance characteristics are dependant on the environment. Operating parameters will deviate in differing operating environments.

Maximum Operating pressures defined by a ratio of 4:1. This is only a guide pressure, each application should be assessed individually.