

# Compact, EN857-1SC 1 Wire Hydraulic Hose

## 1 Wire Compact Hose

### Application:

- Medium pressure hydraulic applications with space constraints and greater flexibility is required

### Specification:

- EN857 – 1SC

### Construction:

- Inner tube: oil resistant synthetic rubber (NBR)
- Reinforcement: 1 single steel wire braid
- Outer cover: oil and weather resistant synthetic rubber

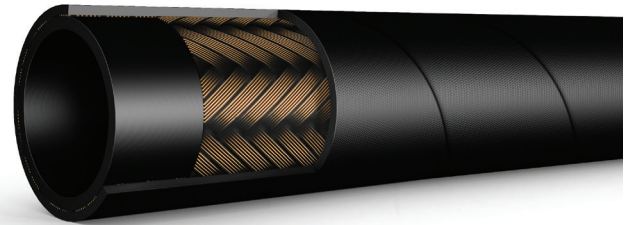
### Recommended Fluids:

- Hose suitable for petroleum based hydraulic oil and water-glycol based fluids, air and water

**NB:** For air above 17 bar, the hose cover must be pin-pricked

Available per 1 metre

Smooth cover available on request



**Working Temperature:**  
-40°C to +100°C

1SC-04 - EN 857 - 1SC / DN06 - 1/4" -04 - W.P. 225 BAR 3260 PSI (A12)

(Colour coding has now been phased in)

Part Code	Size			I.D.		Wire Dimension		OD 1SN	Working Pressure		Pulse Pressure		Burst Pressure		Bend Radius		Weight
	mm	inch	SAE	min	max	min	max	max	Mpa	psi	Mpa	psi	Mpa	psi	Inch	mm	Kg/mtr
1SC-04-100	6.3	1/4	-4	6.1	6.9	9.6	10.8	13.5	22.5	3260	45	6525	90	13050	2.95	75	0.20
1SC-06-100	10	3/8	-6	9.3	10.1	12.7	14.5	16.9	18	2610	36	5220	72	10440	3.54	90	0.19
1SC-08-100	12.5	1/3	-8	12.3	13.5	15.9	18.1	20.4	16	2320	32	4640	64	9280	5.12	130	0.23
1SC-12-100	19	3/4	-12	18.6	19.8	23.2	24.4	26.7	10.5	1520	21	3045	42	6090	7.09	180	0.34