



Hydraulic Hose Tech Data Sheet

TECH DATA SHEET 5004

Hydraulic Hose Range



Compact Hydraulic Hose, EN857-2SC 2 Wire Compact Hose

Application:

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

Specification:

EN857 – 2SC

Construction:

Inner tube: oil resistant synthetic rubber (NBR)

Reinforcement: 2 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



FT PRO 2SC - 04 - EN857 - 2SC / ISO 11237 2SC R16 / SAE 100R16 DN06 - 1/4" - 04 - W.P 400 BAR MSHA IC-267 (Q3 24)

Part Number	Size			ID		Wire Dimension		OD	Working Pressure		Pulse Pressure		Burst Pressure		Bend Radius		Weight	Impulse Test Rate	Crimping Dimensions	Size in mm	Tail ID Top Tolerance	Tail ID Bottom Tolerance	Crimped No Go	Crimped Go
	mm	inch	SAE	min	max	min	max		max	bar	psi	bar	psi	bar	psi	Inch								
2SC-04	6.3	1/4	-4	6.4	6.9	10.6	11.7	14.2	400	5800	800	11600	1600	23200	2.95	75	0.30	200000	F2SC-04	17.6	3.86	3.67	3.67	3.45
2SC-06	10	3/8	-6	9.5	10.1	14.4	15.6	18.3	330	4785	660	9570	1320	19140	3.54	90	0.42	200000	F2SC-06	20.5	5.29	5.11	5.11	4.91
2SC-08	12.5	1/2	-8	12.7	13.5	17.5	19.1	21.5	275	3990	550	7975	1100	15950	5.12	130	0.54	200000	F2SC-08	24.3	6.78	6.42	6.42	6.13
2SC-12	19	3/4	-12	18.8	19.8	24.5	26.3	28.6	215	3120	430	6235	860	12470	7.86	200	0.80	200000	F2SC-12	31.5	9.20	8.86	8.86	8.40
2SC-16	25	1	-16	25.4	26.4	32.5	34.3	36.6	165	2390	330	4785	660	9570	9.84	250	1.15	200000	F2SC-16	39	18.89	18.29	18.29	17.68