



Premium hose



GH681

Core premium
one wire braided hose

Meets or exceeds: SAE 100R17 | EN 857 Type 1SC | ISO 1436 1SN | ISO 18752

GH681-4 6.4 MM (0.25 IN) DN6 **Dura-Tuff** Exceeds SAE 100R17 / EN 857 1SC Performance ISO 1436 1SN • MSHA IC-84/19 • ABS • DNV • USCG **255 BAR (3700 PSI)** -46°C to +126°C -50°F to +260°F 1A 1R

Typical application:

Low and medium pressure hydraulic systems with petroleum and water-based fluids, construction equipment and agriculture equipment, industrial hydraulic systems. For applications where surpassing the 1SC standard is needed. Qualified to one million impulse cycles.

Agency specifications:

MSHA | ABS | DNV | USCG

Hose construction:	Inner Tube:	Reinforcement:	Cover:
	Synthetic rubber	One wire braid	Dura-Tuff premium abrasion

Operating temperature:

-46°C to +126°C (-50°F to +260°F)

Qualified fittings:

1A (-4 to -32) | 1R (-4 -6 -8 -12 -16)

PART	SIZE DIMENSIONS					PRESSURE				BEND		WEIGHT	
#	Hose I.D.			Hose O.D. (nominal)		Working Pressure	Min. Burst Pressure			Min. Bend Radius		Weight	
	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
GH681-3	5	4.8	0.19	10.9	0.43	250	3,650	1,000	14,500	45	1.77	0.16	0.11
GH681-4	6	6.4	0.25	12.9	0.51	255	3,700	1,020	14,800	50	1.97	0.21	0.14
GH681-5	8	7.9	0.31	14.1	0.55	225	3,250	900	13,000	55	2.17	0.22	0.15
GH681-6	10	9.5	0.38	16.3	0.64	235	3,400	940	13,600	63	2.48	0.31	0.21
GH681-8	12	12.7	0.50	19.9	0.78	221	3,200	883	12,800	90	3.54	0.43	0.29
GH681-10	16	15.9	0.62	22.3	0.88	140	2,025	559	8,100	100	3.94	0.44	0.29
GH681-12	19	19.0	0.75	26.0	1.02	138	2,000	552	8,000	120	4.72	0.56	0.37
GH681-16	25	25.4	1.00	34.0	1.34	103	1,500	414	6,000	150	5.91	0.84	0.56
GH681-20	31	31.8	1.25	41.5	1.63	69	1,000	276	4,000	210	8.27	1.01	0.68
GH681-24	38	38.1	1.50	47.9	1.89	52	750	207	3,000	250	9.84	1.23	0.83
GH681-32	51	50.8	2.00	64.0	2.52	41	600	166	2,400	315	12.40	2.01	1.32

Also available with Bruiser ultra-abrasion resistant cover for the highest abrasion protection, see end of this chapter.