



GH663

Premium
one wire braided hose

Exceeds: SAE 100R1 | EN 853 1SN performance | ISO 1436-1SN

by Danfoss	GH663-6	9.5 mm (0.38 in) DN10	Dura-Tuff	Exceeds SAE 100R1 / ISO 1436-1SN • MSHA IC-84/19 Exceeds EN 853 1 SN Performance • ABS • DNV • USCG+	235 BAR (3400 PSI)	-46°C to +126°C -50°F to +260°F	Half Bend	1A	
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Typical application:

Hydraulic system service with petroleum and water-based fluids, for general industrial service

Agency specifications: ABS | DNV | MSHA | USCG

Hose construction:	Inner tube: Nitrile	Reinforcement: One wire braid	Cover: Dura-Tuff premium abrasion
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Operating temperature: -46°C to +126°C (-50°F to +260°F)

Qualified fittings: 1A series

PART #	SIZE DIMENSIONS				PRESSURE				BEND		WEIGHT	
	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
GH663-4	6,4	0.25	13,4	0.53	255,0	3,700	1,020	14,800	50,0	1.97	0,22	0.15
GH663-6	9,5	0.38	17,5	0.69	235,0	3,400	940	13,600	63,0	2.48	0,34	0.23
GH663-8	12,7	0.50	20,6	0.81	200,0	2,900	800	11,600	90,0	3.54	0,42	0.28
GH663-12	19,0	0.75	27,7	1.09	138,0	2,000	552	8,000	120,0	4.72	0,64	0.43
GH663-16	25,4	1.00	35,6	1.40	103,0	1,500	412	5,970	150,0	5.91	0.95	0.64
GH663-20	31,8	1.25	43,5	1.71	69,0	1,000	276	4,025	210,0	8.27	1,10	0.74
GH663-24	38,1	1.50	50,6	1.99	52,0	750	208	3,015	250,0	9.84	1,56	1.05
GH663-32	50,8	2.00	64,0	2.52	41,0	600	164	2,360	315,0	12.40	1,95	1.31