



# GH663

Premium one wire braided hose

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

by Danfoss	<b>GH663-6</b>	9.5 mm (0.38 in) DN10	<b>Dura-Tuff</b>	Exceeds SAE 100R1 / ISO 1436-1SN • MSHA IC-84/19 Exceeds EN 853 1 SN Performance • ABS • DNV • USCG+	<b>235 BAR (3400 PSI)</b>	-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

<b>Agency specifications:</b>	MSHA   ABS   DNV   USCG		
<b>Hose construction:</b>	<b>Inner tube:</b> Nitrile	<b>Reinforcement:</b> One wire braid	<b>Cover:</b> Dura-Tuff premium abrasion
<b>Operating temperature:</b>	-46°C to +126°C (-50°F to +260°F)		
<b>Qualified fittings:</b>	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
<b>GH663-4</b>	6,4	0.25	13,4	0.53	255,0	3,700	1020,0	14,800	50	1.97	0,22	0.15
<b>GH663-6</b>	9,5	0.38	17,5	0.69	235,0	3,400	940,0	13,600	63	2.48	0,34	0.23
<b>GH663-8</b>	12,7	0.50	20,6	0.81	200,0	2,900	800,0	11,600	90,0	3.54	0,42	0.28
<b>GH663-12</b>	19,0	0.75	27,7	1.09	138,0	2,000	552,0	8,000	120,0	4.72	0,64	0.43
<b>GH663-16</b>	25,4	1.00	35,6	1.40	103,0	1,500	412,0	5,970	150,0	5.91	0,95	0.64
<b>GH663-20</b>	31,8	1.25	43,5	1.71	69,0	1,000	276,0	4,025	210,0	8.27	1,10	0.74
<b>GH663-24</b>	38,1	1.50	50,6	1.99	52,0	750	208,0	3,015	250,0	9.84	1,56	1.05
<b>GH663-32</b>	50,8	2.00	64,0	2.52	41,0	600	164,0	2,360	315,0	12.40	1,95	1.31

Core | **Premium** | Standard | Braided | **Spiral** | High-Temp | Low-Temp | Abrasion | Suction