



Winner by Danfoss WH004-12	19 mm (0.75 in) DN19	Exceeds SAE 100R4 PERFORMANCE MSHA IC-261/5	21 BAR (305 PSI)	-40°C to +100°C -40°F to +212°F	Half Bend 1A • Z 1G • 2pc	OO
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Typical application:

Suitable for use in suction applications for hydraulics, crude fuel, lubricating oils, gasoline, air, water and chemical transfer

Agency specifications:		MSHA	
Hose construction:	Inner tube: Oil-resistant NBR	Reinforcement: Textile with helical & anti-static wire	Cover: Nitrile
Operating temperature:		-40°C to +100°C (-40°F to +212°F)	
Qualified fittings/socket:		Fittings: • 1A and 1G: -12, -16, -20, -24 and -32 • 4T Optimum & Winner 2 pc series: -12 and -16 • Hose barb with band clamps: -12 thru -48 with a reduced operating pressure rating of 4 bar (60 psi) Socket: 03310 (pg 173)	

PART	SIZE DIMENSIONS				PRESSURE				BEND		VACUUM		WEIGHT	
	#	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Vacuum Service		Weight
		mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m
WH004-12	19,0	0.75	28,6	1.13	21,0	305	84	1220 †	40,0	1.57	94,8	28	0,54	0,36
WH004-16	25,4	1.00	35,2	1.39	17,0	245	68	980 †	45,0	1.77	94,8	28	0,68	0,46
WH004-20	31,8	1.25	42,0	1.65	14,0	205	56	820 †	60,0	2.36	94,8	28	0,85	0,57
WH004-24	38,1	1.50	49,2	1.94	10,5	150	42	600 †	65,0	2.56	94,8	28	1,20	0,81
WH004-32	50,8	2.00	62,0	2.44	7,0	100	28	400 †	100,0	3.94	94,8	28	1,53	1,03
WH004-40	63,5	2.50	75,5	2.97	4,0	60	16	240 †	140,0	5.51	94,8	28	2,05	1,38
WH004-48	76,2	3.00	88,0	3.46	4,0	60	16	240 †	180,0	7.09	94,8	28	2,62	1,76

† Maximum working pressure for band clamp type fittings is 3,4 bar [50 psi]