



✓ Standard

WH004

Winner suction & return hose

Exceeds: SAE 100R4 performance

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-2 pc

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: • Z series & 327E fittings: -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 157)		

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	lbs/ft
WH004-12	19,0	0.75	28,6	1.13	21	305	84	1220 †	40	1.57	94.8	28	0,54	0.36
WH004-16	25,4	1.00	35,2	1.39	17	245	68	980 †	45	1.77	94.8	28	0,68	0.46
WH004-20	31,8	1.25	42,0	1.65	14	205	56	820 †	60	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	2.56	94.8	28	1,20	0.81
WH004-32	50,8	2.00	62,0	2.44	7	100	28	400 †	100	3.94	94.8	28	1,53	1.03
WH004-40	63,5	2.50	75,5	2.97	4	60	16	240 †	140	5.51	94.8	28	2,05	1.38
WH004-48	76,2	3.00	88,0	3.46	4	60	16	240 †	180	7.09	94.8	28	2,62	1.76

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