



Standard

WH004Winner
suction & return hose

Exceeds: SAE 100R4 performance

Winner by Danfoss **WH004-12**19 mm (0.75 in)
DN19Exceeds SAE 100R4 PERFORMANCE
MSHA IC-261/5

21 BAR (305 PSI)

-40°C to +100°C
-40°F to +212°FHalf
Bend1A-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: • 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	lbs/ft
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]

Core

Premium

Standard

Braided

Spiral

High-Temp

Low-Temp

Abrasion

Suction