



## AUSTRALIAN HOSE & FITTINGS

### SECTION 2 | Hose



# TAIPAN

Australian hose and Fittings only uses manufacturers that are ISO9001 qualified. All hose and fittings are manufactured specifically for AHF and tested to conform to the relevant standards as an assembly. AHF does not recommend mixing and matching hose, hose fittings crimp dimensions with other suppliers, all dimensions provided are for the use of AHF hose, hose tails only\* Using other brands and mixing AHF hose, hose tails with other brands may lead to hose failure, and is not guaranteed by AHF.


\*Gates hose has been tested and used by AHF and is compatible with AHF hose and fittings.

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# AHF SAE 100R1 - Non Skive Hose

Hose

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (mm)	Reel Length (m)	Weight KG/Mtr
			ID(mm)	OD(mm)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
	100R1-03AHF	3/16	4.8	12.2	3,000	12,000		130.00	
	100R1-04AHF	1/4	6.4	13.5	2,750	11,000	102.00	130.00	0.22
	100R1-06AHF	3/8	9.5	17.1	2,250	9,000	127.00	100.00	0.30
	100R1-08AHF	1/2	12.7	20.3	2,000	8,000	178.00	100.00	0.39
	100R1-10AHF	5/8	15.9	23.9	1,500	6,000	203.00	50.00	0.50
	100R1-12AHF	3/4	19.0	27.8	1,250	5,000	241.00	50.00	0.64
	100R1-16AHF	1	25.4	35.5	1,000	4,000	305.00	50.00	0.83
	100R1-20AHF	1 1/4	31.7	42.8	625	2,500	419.00	20.00	1.20
	100R1-24AHF	1 1/2	38.1	49.5	500	2,000	508.00	20.00	1.50
	100R1-32AHF	2	50.8	61.4	375	1,500	635.00	20.00	1.95

**Construction**

Synthetic rubber tube: one braid of high tensile steel wire reinforcement; oil, weather and abrasion resistant synthetic rubber outer cover

**Application**

High pressure service with petroleum base hydraulic fluids, water-glycol and water-oil fire resistant hydraulic fluids, hot oil grease, lubricants, crude and fuel oils. For air applications above 100psi the cover should be pin pricked.

**Range of Temperature**


-40°C to +100°C

**Couplings (see AHF crimp Chart for Specifics)**

K series (permanent Crimp on)

D series (reusables)

# AHF SAE 100R1HT - Non Skive Hose (High Temperature)

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (mm)	Reel Length (m)	Weight KG/Mtr
			ID(mm)	OD(mm)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
	100R1HT-04AHF	1/4	6.4	13.5	2,750	11,000	102.00	130.00	0.22
	100R1HT-06AHF	3/8	9.5	17.1	2,250	9,000	127.00	100.00	0.30
	100R1HT-08AHF	1/2	12.7	20.3	2,000	8,000	178.00	100.00	0.39
	100R1HT-12AHF	3/4	19.0	27.8	1,250	5,000	241.00	50.00	0.64
	100R1HT-16AHF	1	25.4	35.5	1,000	4,000	305.00	50.00	0.83
	100R1HT-20AHF	1 1/4	31.8	43.2	914	3,656	420.00	60.00	1.29
	100R1HT-24AHF	1 1/2	38.1	50.7	725	2,900	500.00	60.00	1.67
	100R1HT-32AHF	2	50.8	64.2	580	2,320	630.00	60.00	2.32

**Construction**

Synthetic rubber tube: one braid of high tensile steel wire reinforcement; oil, Blue weather and abrasion resistant synthetic rubber outer cover

**Application**

Medium to high pressure service. Suitable for petroleum based hydraulic fluids, synthetic esters, biodegradable hydraulic fluids, water-glycol based fluids etc. For air applications above 100psi the cover should be pin pricked.

**Range of Temperature**

-40°C to +135°C INTERMITTENT TO 150°C


**Couplings (see AHF crimp Chart for Specifics)**

K series (permanent Crimp on)

D series (reusables)

# AHF SAE 100R2AT/DIN 20022-Non Skive Hose

Meets requirements of ISO 6805 for flame resistance (FRAS) / (USMSHA)

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (mm)	Reel Length (m)	Weight KG/Mtr
			ID(mm)	OD(mm)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
	100R2-04AHF	1/4	6.4	14.4	5,750	23,000	102.00	130.00	0.35
	100R2-05AHF	5/16	7.9	16.7	4,250	17,000	114.00	103.00	0.43
	100R2-06AHF	3/8	9.5	18.7	5,000	20,000	127.00	103.00	0.46
	100R2-08AHF	1/2	12.7	22.2	4,257	17,028	178.00	100.00	0.63
	100R2-10AHF	5/8	15.9	25.3	3,600	14,400	203.00	50.00	0.76
	100R2-12AHF	3/4	19.0	29.2	3,100	12,400	241.00	50.00	0.94
	100R2-16AHF	1	25.4	36.8	2,500	10,000	305.00	50.00	1.20
	100R2-20AHF	1 1/4	31.8	47.3	1,625	6,500	420.00	20.00	1.73
	100R2-24AHF	1 1/2	38.1	54.0	1,250	5,000	500.00	20.00	2.14
	100R2-32AHF	2	50.8	66.5	1,066	4,264	630.00	20.00	2.96

**Construction**

Synthetic rubber tube: two braid of special high tensile steel wire reinforcement separated by synthetic rubber layer; oil, weather and abrasion resistant

**Application**

High pressure service with petroleum base hydraulic fluids, water-glycol and water-oil fire resistant hydraulic fluids, hot oil grease, lubricants, crude and fuel oils. For air applications above 100psi the cover should be pin pricked.

**Range of Temperature**

-40°C to +100°C

**Couplings (see AHF crimp Chart for Specifics)**


K series (permanent Crimp on)

L Series (permanent Crimp on, crimp specification available on request))

D series (reusables)



# AHF 100R2W EN853 2SN

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (MM)		Weight KG/Mtr
			ID MM	OD MM	Working Pressure (PSI)**	Min Burst Pressure (PSI)			
	100R2-03W	3/16	4.80	11.00	6,252	26,100	90.00		-
	100R2-04W	1/4	6.40	12.70	5,800	23,200	100.00		-
	100R2-05W	5/16	7.90	14.60	5,000	20,000	115.00		-
	100R2-06W	3/8	9.50	17.20	4,785	19,140	125.00		-
	100R2-08W	1/2	12.70	20.00	3,988	15,950	180.00		-
	100R2-10W	5/8	15.90	23.00	3,625	14,500	205.00		-
	100R2-12W	3/4	19.00	27.20	3,118	12,470	240.00		-
	100R2-16W	1	25.40	35.40	2,393	9,570	300.00		-

**Construction**

Tube: Synthetic rubber resistant to usual detergents

**Application**

Medium to high pressure hydraulic lines. Suitable for petroleum based hydraulic fluids, synthetic esters, biodegradable hydraulic fluids, water-glycol based fluids and air.


**Range of Temperature**

-40°C to +100°C max

**Couplings (see AHF crimp Chart for Specifics)**

K series

# AHF/PIX 100R2HT EN853 2SN Non Skive high Temperature Hose

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (mm)	Reel Length (m)	Weight KG/Mtr
			ID(mm)	OD(mm)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
	100R2HT-04AHF	1/4	6.4	14.9	5,800	23,200	100.00	100.00	0.41
	100R2HT-06AHF	3/8	9.5	19.1	4,785	19,140	125.00	100.00	0.56
	100R2HT-08AHF	1/2	12.7	22.1	3,988	15,950	180.00	100.00	0.65
	100R2HT-12AHF	3/4	19.0	29.6	3,118	12,470	240.00	50.00	0.99
	100R2HT-16AHF	1	25.4	37.7	2,393	9,570	300.00	50.00	1.44
	100R2HT-20AHF	1 1/4	31.8	47.7	1,813	7,252	420.00	20.00	2.14
	100R2HT-24AHF	1 1/2	38.1	54.0	1,305	5,220	500.00	20.00	2.58
	100R2HT-32AHF	2	50.8	67.5	1,160	4,640	630.00	20.00	3.24

**Construction**

Synthetic rubber tube: two braid of special high tensile steel wire reinforcement separated by synthetic rubber layer; oil, Blue weather and abrasion resistant

**Application**

Medium to high pressure service. Suitable for petroleum based hydraulic fluids, synthetic esters, biodegradable hydraulic fluids water-glycol based fluids at

**Range of Temperature**

-40°C to +135°C INTERMITTENT TO 150°C


**Couplings (see AHF crimp Chart for Specifics)**

K series (permanent Crimp on)

L Series (permanent Crimp on, crimp specification available on request)

D series (reusables)

# AHF SAE 100R2AT/DIN 20022-Non Skive Tough Cover Hose - EXTREME CONDITIONS -

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (mm)	Reel Length (m)	Weight KG/Mtr
			ID(mm)	OD(mm)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
	100R2TC-04AHF	1/4	6.4	14.8	5,750	23,000	102.00	130.00	0.35
	100R2TC-06AHF	3/8	9.5	18.7	5,000	20,000	127.00	103.00	0.46
	100R2TC-08AHF	1/2	12.7	21.8	4,257	17,028	178.00	100.00	0.63
	100R2TC-10AHF	5/8	15.9	25.3	3,600	14,400	203.00	50.00	0.76
	100R2TC-12AHF	3/4	19.0	29.0	3,100	12,400	241.00	50.00	0.94
	100R2TC-16AHF	1	25.4	37.0	2,500	10,000	305.00	50.00	1.20

**Construction**

Synthetic rubber tube: two braid of special high tensile steel wire reinforcement separated by synthetic rubber layer; oil, weather and abrasion resistant

**Application**

High pressure service with petroleum base hydraulic fluids, water-glycol and water-oil fire resistant hydraulic fluids, hot oil grease, lubricants, crude and fuel oils. For air applications above 100psi the cover should be pin pricked.

**Range of Temperature**

-40°C to +100°C

**Couplings (see AHF crimp Chart for Specifics)**

K series (permanent Crimp on)

L Series (permanent Crimp on, crimp specification available on request)

D series (reusables)



# AHF 100R4 Suction Hose (SAE J517-100R4)



Part Number	Size (Inch)	Dimension		Working Pressure (PSI)	Clamp size	Min Bend Radius	Reel Length	Weight KG/Mtr
		ID(mm)	OD(mm)					
100R4-12AHF	3/4	19.0		140			20.00	
100R4-16AHF	1	25.4	37.0	140	SC36-39W2	150.00	20.00	0.80
100R4-20AHF	1 1/4	31.8	42.0	140	SC40-43W2	170.00	20.00	0.85
100R4-24AHF	1 1/2	38.0	47.6	140	SC47-51W2	190.00	20.00	1.01
100R4-32AHF	2	50.8	63.5	140	SC59-63W2	255.00	20.00	1.40
100R4-40AHF	2 1/2	63.5	77.0	140	SC73-79W2	350.00	20.00	2.01
100R4-48AHF	3	76.2	90.0	140	SC85-91W2	400.00	20.00	2.62

### Construction

Synthetic oil & Petrol resistant rubber with 1 high tensile polyester cord (1 helix wire). Synthetic oil, petrol and weather resistance cover.

### Application

Oil suction & discharge hose cover for use in low pressure and vacuum applications with petroleum base hydraulic fluids.

### Range of Temperature

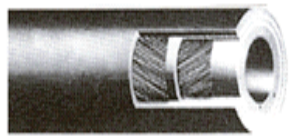
-25°C to +110°C

### Couplings

Low pressure tails (QAEX, QEBEX etc) with super clamps

A series (permanent crimp on)

# AHF 100R6 Hose (Medium Pressure Hose)



Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (mm)	Reel Length (m)	Weight KG/Mtr
		ID(mm)	OD(mm)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
100R6-03AHF	3/16	0.2	12.1	570	2,280	64.00	100.00	0.16
100R6-04AHF	1/4	6.4	13.5	570	2,280	64.00	100.00	0.17
100R6-05AHF	5/16	7.9	15.9	570	2,280	76.00	100.00	0.19
100R6-06AHF	3/8	9.5	17.1	570	2,280	76.00	100.00	0.22
100R6-08AHF	1/2	12.7	16.6	500	2,000	102.00	100.00	0.30
100R6-10AHF	5/8	15.9	23.5	400	1,600	127.00	50.00	0.32
100R6-12AHF	3/4	19.0	27.8	400	1,600	152.00	50.00	0.44
100R6-16AHF	1	25.4	35.2	400	1,600	190.00	50.00	0.58

### Construction

Inner tube: oil resistant synthetic rubber tube Reinforcement: two textile spirals Cover: oil, weather and abrasion resistant synthetic rubber

### Application

Medium pressure service with petroleum base hydraulic fluids, water-glycol and water-oil fire resistant hydraulic fluids

For air applications above 100psi the cover should be pin pricked.

### Range of Temperature

-40°C to +100°C

### Couplings

A Series permanent crimp on

H series pushlock tails

# AHF 100R7 & Twin Hose (TW) (SAE 100R7 / DIN EN 855)



Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (mm)	Reel Length (m)	Weight KG/Mtr
		ID(mm)	OD(mm)	Working Pressure (PSI)	Min Burst Pressure (Mpa)			
100R7-02AHF	1/8	3.2	8.1	3,000	12,000	-	100.00	
100R7-03AHF	3/16	4.8	10.3	3,000	12,000	-	100.00	
100R7-04AHF	1/4	6.4	12.4	2,750	11,000	-	100.00	
100R7-06AHF	3/8	9.6	15.7	2,250	9,000	-	100.00	
100R7TW-06AHF	3/8	9.6	15.7	2,250	9,000	-	100.00	
100R7-08AHF	1/2	12.8	19.3	2,050	8200	-	100.00	

### Construction

Thermoplastic Elastomer inner, 1 braid synthetic fiber reinforcement, outer black polyurethane pin pricked

### Application

Medium pressure hydraulic lines 70 to 210 bar. Suitable for hydraulic application with increased resistance to abrasion. For use with petroleum, synthetic or

### Range of Temperature

Continuous: -40°C to +100°C (+70°C for Air and water based fluids)


Temp. not to exceed +70°C for Air and Water based fluids

### Couplings

A series



# AHF 100R7NC Hose (SAE 100R7 / DIN EN 855 Non - Conductive)

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (mm)	Reel Length (m)	Weight KG/Mtr
			ID(mm)	OD(mm)	Working Pressure (PSI)	Min Burst Pressure (Mpa)			
	100R7NC-04AHF	1/4	6.4	12.4	2,750	11,000	-	100.00	
	100R7NC-06AHF	3/8	9.6	15.7	2,250	9,000	-	100.00	
	100R7NCTW-06AHF	3/8	9.6	15.7	2,250	9,000	-	100.00	

## Construction

Thermoplastic Elastomer inner, 1 braid synthetic fiber reinforcement, outer orange polyurethane

## Application

Medium pressure hydraulic lines 70 to 210 bar. Suitable for hydraulic application with increased resistance to abrasion. For use with petroleum, sythetic or

## Range of Temperature


Continuous: -40°C to +100°C

Temp. not to exceed +70°C for Air and Water based fluids

## Couplings

A series

# AHF 100R8 & NC Hose (SAE 100R8 / DIN EN 855 Non - Conductive)

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (mm)	Reel Length (m)	Weight KG/Mtr
			ID(mm)	OD(mm)	Working Pressure (PSI)	Min Burst Pressure (Mpa)			
	100R8NC-06AHF	3/8	9.6	15.7	4,000	16,000	55.00	100.00	
	100R8TW-06AHF	3/8	9.6	15.7	4,000	16,000	55.00	100.00	
	100R8NC-08AHF	1/2	12.8	19.3	3,500	14,000	77.00		
	100R8-04AHF	1/4	6.4	16.1	5,000	20,000	45.00	100.00	
	100R8-06AHF	3/8	9.6	18.5	4,000	16,000	65.00	100.00	
	100R8-08AHF	1/2	12.8	19.3	3,500	14,000	77.00	100.00	

## Construction

Thermoplastic Elastomer inner, 2 braids aramid fibre reinforcement, outer orange polyurethane (Twin Line is Black)

## Application

High pressure hydraulic lines to 5000PSI compact, high pressure, light weight and low change in length. Suitable for hydraulic application with increased resistance to abrasion. For use with petroleum, synthetic or water based fluids in hydraulic systems. Suitable for agricultural machinery, earthmoving and material handling equipments. Mainly used in applications requiring high electrical insulation or non-conductivity.

## Range of Temperature


Continuous: -40°C to +100°C

Temp. not to exceed +70°C for Air and Water based fluids (must be pin pricked for gases)

## Couplings

A series

# AHF 100R12 Hose (EN 856 R12)

	Part Number	Nom.	Inside	Outside	Working Pressure	Burst Pressure	Bending Radius	ROLL LENGTH (metres)	Weight
		Ø	Ø	nom. Ø					
		Inch	mm	mm					
	100R12-06AHF	3/8"	10	<b>20.0</b>	4002	16008	130	60	0.630
	100R12-08AHF	1/2"	13	<b>23.5</b>	4002	16008	180	60	0.785
	100R12-12AHF	3/4"	19	<b>30.7</b>	4000	16000	120	60	1.350
	100R12-16AHF	1"	25.4	<b>38.0</b>	4000	16000	150	60	1.930
	100R12-20AHF	1 1/4"	31.8	<b>47.0</b>	4000	16000	420	60	2.710
	100R12-24AHF	1 1/2"	38.1	<b>53.3</b>	4000	16000	500	60	3.220
	100R12-32AHF	2"	50.8	<b>66.7</b>	4000	16000	600	60	4.780

## Application

Heavy duty impulsive high pressure applications like excavators, dosers, dumpers, cranes, compactors, rock breakers and hydraulic drill rigs and other

**Special Features:** Qualified to 1 million impulse cycles, more than twice that required by EN 856 R12/ISO 3862-1.

Exceeds relevant standard pressure rating from -20 to -32, Excellent flexibility for compact hydraulic circuits. Good weather and ozone resistance. MSHA

## Reinforcement

4 High tensile steel spirals

## Cover

Hydraulic oil, abrasion and weather resistant wrapped synthetic rubber

## Temperature

Suitable for use in the range -40°C to + 121°C Celsius. Intermittent to 125°C

## Specification according to EN 856 R 12

## Couplings

**L Series (permanent Crimp on)**

# AHF 100R13 (EN856) Taipan Hose



Part Number	Nom.	Inside	Outside nom.	Working Pressure	Burst Pressure	Bending Radius	ROLL LENGTH (metres)	Weight
	Ø	Ø	Ø					
	Inch	mm	mm	PSI	PSI	mm	upto	Kg/m.
100R13-12AHF	3/4"	19	32.0	5000	20000	240	60	1.675
100R13-16AHF	1"	25.4	38.4	5000	20000	300	60	2.130
100R13-20AHF	1 1/4"	31.8	49.3	5000	20000	420	60	3.975
100R13-24AHF	1 1/2"	38.1	57.3	5000	20000	500	60	4.985
100R13-32AHF	2"	50.8	71.6	5000	20000	630	60	6.510

## Application

Heavy duty impulsive high pressure applications like excavators, dosers, dumpers, cranes, compactors, rock breakers and hydraulic drill rigs and other

**Special Features:** Qualified to 1 million impulse cycles, more than twice that required by EN 856 R13/ISO 3862-1.

Exceeds relevant standard pressure rating from -20 to 32, Excellent flexibility for compact hydraulic circuits. Good weather and ozone resistance. MSHA

## Reinforcement

4 - 6 Very high tensile steel spirals \*

## Cover

Hydraulic oil, abrasion and weather resistant wrapped synthetic rubber

## Temperature

Suitable for use in the range -40°C to + 121°C Celsius. Intermittent to 125°C

## Specification according to EN 856 R 13 & SAE 100 R 13

\* 3/4" - 1" made by 4 wire spirals, remainder are 6 wire spiral construction

## Couplings

### M Series/ N series

# AHF 100R14 PTFE Hose (SAE J517-100R14)

Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (mm)	Reel Length (m)	Weight KG/Mtr
		ID(mm)	OD(mm)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
100R14-03AHF	3/16	5.0	8.2	1,421	5,684	51.00	50.00	
100R14-04AHF	1/4	6.5	9.7	1,137	4,548	76.00	50.00	
100R14-05AHF	5/16	8.0	11.2	995	3,980	102.00	50.00	
100R14-06AHF	3/8	10.0	13.2	853	3,412	125.00	50.00	
100R14-08AHF	1/2	13.0	16.2	710	2,840	165.00	50.00	
100R14-10AHF	5/8	16.0	19.2	570	2,280	197.00	50.00	
100R14-12AHF	3/4	19.0	22.2	427	1,706	230.00	50.00	
100R14-16AHF	1	25.0	27.2	213	852	305.00	20.00	

## Construction

Inner tube: Polytetrafluoroethylene (P.T.F.E) with single braid 304 series stainless steel wire

## Application

Excellent chemical resistance, non-contamination properties, low coefficient and resists deterioration. (High temperature steam line, hot air supply line,

## Range of Temperature

-70°C to +260°C

## Couplings (see AHF crimp Chart for Specifics)

C series (A series may also be used)

# AHF 100R15 Hose (EN 856 R15)

Part Number	Nom.	Inside	Outside nom.	Working Pressure	Burst Pressure	Bending Radius	ROLL LENGTH (metres)	Weight
	Ø	Ø	Ø					
	Inch	mm	mm	psi	psi	mm	upto	Kg/m.
100R15-06AHF	3/8	9.5	21.4	6000	24000	180	60	0.75
100R15-08AHF	1/2	12.7	24.6	6000	24000	230	60	1.03
100R15-10AHF	5/8"	16	28.7	6000	24000	250	60	1.310
100R15-12AHF	3/4"	19.0	32.0	6000	24000	270	60	1.515
100R15-16AHF	1"	25.4	38.4	6000	24000	300	60	2.080
100R15-20AHF	1 1/4"	31.8	49.3	6000	24000	420	60	3.890
100R15-24AHF	1 1/2"	38.1	57.3	6000	24000	500	60	4.870
100R15-32AHF	2	50.4	72	6000	24000	600	60	6.94

## Application

Heavy duty impulsive high pressure applications like excavators, dosers, dumpers, cranes, compactors, rock breakers and hydraulic drill rigs and other

**Special Features:** Qualified to 1 million impulse cycles, more than twice that required by EN 856 R15/ISO 3862-1.

Good flexibility for compact hydraulic circuits. Good weather and ozone resistance. MSHA approved and flame resistant cover.

## Reinforcement

4 - 6 Very high tensile steel spirals \*

## Cover

Hydraulic oil, abrasion and weather resistant wrapped synthetic rubber

## Temperature

Suitable for use in the range -40°C to + 121°C Celsius. Intermittent to 125°C

## Specification according to SAE 100 R 15

\* 5/8" - 1" made by 4 wire spirals, remainder are 6 wire spiral construction

## Couplings

N series non skive upto 1 1/4", Gates Maxi-Crimp couplings - two piece skive 1 1/2" hose.

## AHF 100R16 Taipan Hose



Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (mm)	Reel Length (m)	Weight KG/Mtr
		ID(mm)	OD(mm)	Working Pressure (PSI)	Min Burst Pressure (Mpa)			
100R16-04AHF	1/4	6.4	13.2	5,000	20,000	50.00		
100R16-06AHF	3/8	9.5	17.3	4,000	16,000	63.00	100.00	
100R16-08AHF	1/2	12.7	20.8	3,500	14,000	90.00		

### Construction

Synthetic Rubber with High Tensile Steel double wire braid reinforcement

### Application

Hydraulic system serviced with petroleum and water base fluids (for air application, the outer cover shall be pin-pricked)

### Range of Temperature

Continuous: -40°C to +100°C

### Couplings

K series

## AHF 100R19 Taipan Hose



Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (mm)	Reel Length (m)	Weight KG/Mtr
		ID(mm)	OD(mm)	Working Pressure (PSI)	Min Burst Pressure (Mpa)			
100R19-12AHF	3/4	19.0	27.8	4,000	16,000	120.00	60.00	0.86
100R19-16AHF	1	25.4	38.1	3,480	13,920	300.00	60.00	1.45

### Construction

Synthetic Rubber with High Tensile Steel wire braid reinforcement

### Application

Very high pressure hydraulic applications where severity is not so high as that of multispiral hoses. Suitable for petroleum and water-glycol based fluids.

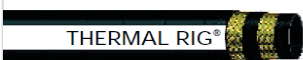
### Range of Temperature

Continuous: -40°C to +100°C INTERMITTENT TO 120°C

### Couplings

K series

## Drill Rig Hose



Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (mm)	Weight KG/Mtr
		ID MM	OD MM	Working Pressure (PSI)**	Min Burst Pressure (PSI)		
100R2ACH-24AHF	1 1/2	38.1	50.4	1,305	5,220	500.00	2.70
100R2ACH-32AHF	2"	50.40	67.00	1,160	4,640	630.00	3.30

### Construction

Tube: Synthetic rubber

### Reinforcement: one & two high tensile wire braids

Cover: Black abrasion Unique 2 wire braid design with 4:1 WP:BP ensure enough safety and flexibility in service. Inner tube resistant to long term air, oil mist

### Application

For Pneumatic services in heavy duty drill rig compressor with CFM up to 1100 in ground drilling quarries, construction and general industry

### Range of Temperature

-40°C to +150°C max

### Couplings (see AHF crimp Chart for Specifics)

K series

## Aquawash Hose



Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (Inch)	Weight KG/Mtr
		ID MM	OD MM	Working Pressure (PSI)**	Min Burst Pressure (PSI)		
100R1PWH-04	-4	6.40	13.2MM	3,625	13,050	100MM	0.23
100R1PWH-06	-6	9.50	17.3MM	4,000	11,963	130MM	0.36
100R2PWH-06	-6	9.50	19.1MM	5,800	18,850	130MM	0.56

### Construction

Tube: Synthetic rubber resistant to usual detergents

### Reinforcement: one & two high tensile wire braids

Cover: Blue & Grey (100R1PWH-6) abrasion & weather resistant synthetic rubber. Excellent resistance to ozone and common detergents.

### Application

professional pressure water cleaning applications for Dairy, and general cleaning applications.

### Range of Temperature

-40°C to +160°C max

### Couplings (see AHF crimp Chart for Specifics)

K series

**Note: IAW ISO 3862** 4SH/4SP hose is impulse tested to 400000 cycles at 100° and 133% of max working pressure. R12 hose is impulse tested to 500000 cycles at 133% of max working pressure at 120°. R13/15 hose is impulse tested to 500000 cycles at 120% of max working pressure at 120°

## AEROQUIP FC 300 Hose (SAE 100R5 High Temperature)



Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (mm)	Reel Length (m)	Weight KG/Mtr
		ID(mm)	OD(mm)	Working Pressure (PSI)	Min Burst Pressure (Mpa)			
FC300-04	3/16	0.19	0.52	3,000	12,000	3.00		0.19
FC300-05	1/4	0.25	0.58	3,000	12,000	3.38		0.24
FC300-06	5/16	0.31	0.67	2,250	9,000	4.00		0.34
FC300-08	13/32	0.41	0.76	2,000	8,000	4.62		0.39
FC300-10	1/2	0.50	0.93	1,750	7,000	5.50		0.55
FC300-12	5/8	0.63	1.08	1,500	6,000	6.50		0.69
FC300-16	7/8	0.88	1.27	800	3,200	7.38		0.66
FC300-20	1 1/8	1.12	1.50	625	2,500	9.00		0.78
FC300-24	1 3/8	1.38	1.75	500	2,000	10.50		1.00
FC300-32	1 7/8	1.81	2.22	300	1,200	13.25		1.40

**Construction**

AQP elastomer tube, polyester inner braid, single wire braid reinforcement and blue polyester braid cover.

**Application**

Hydraulics handling petroleum and water base fluids and air, 91 octane fuel, diesel and lubricating oils, fire resistant hydraulic fluids and other industrial fluids

**Range of Temperature**

Continuous: -49°C to +150°C. For air 121°

**Couplings**

DF Reuseable Series

F series (permanent crimp on)

## AEROQUIP FC 332 High Temperature Push lock Hose



Part Number	Size (Inch)	Dimension		Pressure PSI		Min Bend Radius (mm)	Reel Length (m)	Weight KG/Mtr
		ID(mm)	OD(mm)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
FC332-04	1/4	6.4	12.5	250	1,000	76.00	100.00	0.12
FC332-06	3/8	9.7	16.0	250	1,000	76.00	100.00	0.18
FC332-08	1/2	12.7	19.0	250	1,000	102.00	100.00	0.22
FC332-10	5/8	16.0	23.1	250	1,000	152.00	100.00	0.30
FC332-12	3/4	19.0	26.4	250	1,000	178.00	100.00	0.42

**Construction**

AQP elastomer tube, textile braid reinforcement and blue AQP elastomer wrapped style cover

**Application**

For 91 octane fuel, diesel and lubricating oils, air and water. Not recommended for impulse applications

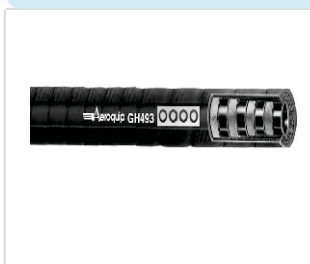
**Range of Temperature**

Continuous: -40°C to +150°C. For air 121°C, water +82°C

**Couplings**

H series

## AEROQUIP GH493 - Matchmate Global 1/2 SAE Bend Radius Four Spiral Wire SAE100R12, EN856 Type R12 (EN856 4SP Performance -8 to -16)



Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius	Reel Length	Weight KG/Mtr
		ID(mm)	OD(mm)	BAR	PSI			
GH493-06	3/8	9.7	20.1	448	6,500	62.00		0.70
GH493-08	1/2	12.7	23.4	415	6,000	90.00		0.88
GH493-10	5/8	16.0	28.2	415	6,000	100.00		1.03
GH493-12	3/4	19.1	30.5	380	5,500	120.00		1.37
GH493-16	1	25.4	37.6	350	5,100	150.00		1.82
GH493-20	1 1/4	31.8	46.5	310	4,500	210.00		2.44
GH493-24	1 1/2	38.1	53.8	275	4,000	250.00		3.12
GH493-32	2	50.8	67.1	275	4,000	320.00		4.18

**Construction**

Synthetic Rubber tube 4-wire spiral reinforcement and DURA-TUFF Synthetic rubber cover.

**Application**

High pressure hydraulic systems with petroleum and water-glycol base fluids for lubricating oils and water.

**Operating Temperature Range**


Continuous: -40°C to +127°C

**Couplings**

N/SP series (permanent Crimp on)



# AEROQUIP GH506/2755 4SH 380 BAR / 5510 PSI

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (mm)	Reel Length (m)	Weight KG/Mtr
			ID(mm)	OD(mm)	BAR	PSI			
	2755-12	3/4	19.0		380	5,510	280.00	40.00	1.65
	GH506-16	1	25.4	38.3	380	5,510	340.00	40.00	2.25
	GH506-20	1 1/4	31.8	45.5	350	5,075	460.00		2.50

**Construction**

Synthetic Rubber tube NBR 4-wire spiral reinforcement. Synthetic rubber cover.

**Application**

High pressure hydraulic systems with petroleum and water-glycol base fluids for lubricating oils and water.

**Range of Temperature**

Continuous: -40°C to +100°C

Maximum Operating Temperature +125°C

**Couplings**

M series (permanent Crimp on)

Hose



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## GATES G1 SAE 100R1AT - Non Skive Hose

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (Inch)	Reel Length (m)	Weight KG/Mtr
			ID (Inch)	OD (Inch)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
	100R1-03G	3/16		0.47	3,625	14,500	3.50	134.10	
	100R1-04G	1/4		0.53	3,275	13,100	4.00	134.10	
	100R1-06G	3/8		0.69	2,600	10,400	5.00	117.35	
	100R1-08G	1/2		0.82	2,325	9,300	7.00	100.58	
	100R1-10G	5/8		0.94	1,900	7,600	8.00	67.10	
	100R1-12G	3/4		1.10	1,525	6,100	9.50	67.10	
	100R1-16G	1		1.41	1,275	5,100	12.00	56.29	
	100R1-20G	1 1/4		1.71	925	3,700	16.00	30.48	
	100R1-24G	1 1/2		1.96	725	2,900	20.00	30.48	
	100R1-32G	2		2.52	600	2,400	25.00	30.48	

### Construction

Synthetic rubber tube: one braid of high tensile steel wire reinforcement; oil, weather and abrasion resistant synthetic rubber outer cover

### Application

High pressure service with petroleum base hydraulic fluids, water-glycol and water-oil fire resistant hydraulic fluids, hot oil grease, lubricants, crude and fuel oils. For air applications above 100psi the cover should be pin pricked.

### Range of Temperature

-40°C to +100°C

### Couplings (see AHF crimp Chart for Specifics)

K series (permanent Crimp on)

D series (reusables)

## GATES G2H & G2XH SAE 100R2AT TYPE S & EN853 2SN Non Skive Hose - EXTREME HEAT -

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (Inch)	Reel Length (m)	Weight KG/Mtr
			ID (Inch)	OD (Inch)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
	100R2H-04G	1/4		0.58	6,000	24,000	4.00	167.60	
	100R2H-06G	3/8		0.73	5,000	20,000	5.00	167.60	
	100R2H-08G	1/2		0.86	4,250	17,000	7.00	100.58	
	100R2H-10G	5/8		0.98	3,625	14,500	8.00	67.06	
	100R2H-12G	3/4		1.14	3,100	12,400	9.50	67.06	
	100R2H-16G	1		1.48	2,500	10,000	12.00	50.29	
	100R2H-20G	1 1/4		1.87	1,650	6,600	16.50	30.48	
	100R2H-24G	1 1/2		2.15	1,300	5,000	20.00	30.48	
	100R2H-32G	2		2.65	1,175	4,500	25.00	30.48	

### Construction

Black, oil and chemical resistant synthetic rubber tube (CPE): two braid of high tensile steel wire reinforcement; Blue oil, weather and abrasion resistant synthetic rubber outer cover (CSM). Flame resistance: - US MSHA 2G

### Application

High pressure service with petroleum base hydraulic fluids, water-glycol and water-oil fire resistant hydraulic fluids, hot oil grease, lubricants, crude and fuel oils. For air applications above 100psi the cover should be pin pricked.

### Range of Temperature


Petroleum based fluids -40°C to +150°C, For water emulsions -40°C to 100°C reduced to 82°C for return lines

### Couplings (see AHF crimp Chart for Specifics)

K series (permanent Crimp on)

D series (reusables)

# GATES G2 SAE 100R2AT - Non Skive Hose

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (Inch)	Reel Length (m)	Weight KG/Mtr
			ID (Inch)	OD (Inch)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
				100R2-03G	3/16				
	100R2-04G	1/4		0.58	5,800	23,200	4.00	167.60	
	100R2-06G	3/8		0.73	4,800	19,200	5.00	121.90	
	100R2-08G	1/2		0.86	4,000	16,000	7.00	100.58	
	100R2-10G	5/8		0.98	3,625	14,500	8.00	67.10	
	100R2-12G	3/4		1.14	3,100	12,400	9.50	67.10	
	100R2-16G	1		1.48	2,400	9,600	12.00	50.29	
	100R2-20G	1 1/4		1.87	1,825	7,300	16.50	30.48	
	100R2-24G	1 1/2		2.15	1,300	5,200	20.00	30.48	
	100R2-32G	2		2.65	1,175	4,700	25.00	30.48	

### Construction

Synthetic rubber tube: two braid of high tensile steel wire reinforcement; oil, weather and abrasion resistant synthetic rubber outer cover

### Application

High pressure service with petroleum base hydraulic fluids, water-glycol and water-oil fire resistant hydraulic fluids, hot oil grease, lubricants, crude and fuel oils. For air applications above 100psi the cover should be pin pricked.

### Range of Temperature


-40°C to +100°C

### Couplings (see AHF crimp Chart for Specifics)

K series (permanent Crimp on)

D series (reusables)

# GATES PS-188 Power Steering Hose (SAE J2050)

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (Inch)	Reel Length (m)	Weight KG/Mtr
			ID (Inch)	OD (Inch)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
				6PS188*	3/8	3/8			

### Construction

Synthetic rubber compounded to provide resistance to high temperatures and power steering fluid with two high strength nylon braid reinforcement.

### Application

Power steering pressure lines


### Range of Temperature

-40°C to +150°C

### Couplings (see AHF crimp Chart for Specifics)

K series (permanent Crimp on)

# GATES C5C SAE 100R5

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (Inch)	Reel Length (m)	Weight KG/Mtr
			ID (Inch)	OD (Inch)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
				100R5-04G	3/16	0.19			
	100R5-05G	1/4	0.25	0.58	3,000	12,000	3.40	117.35	
	100R5-06G	5/6	0.31	0.67	2,250	9,000	4.00	117.35	
	100R5-08G	13/32	0.41	0.77	2,000	8,000	4.60	100.58	
	100R5-10G	1/2	0.50	0.92	1,750	7,000	5.50	83.82	
	100R5-12G	5/8	0.63	1.08	1,500	6,000	6.50	67.06	
	100R5-16G	7/8	0.88	1.23	800	3,200	7.40	50.29	
	100R5-20G	1 1/8	1.13	1.50	625	2,500	9.00	30.48	
	100R5-24G	1 3/8	1.38	1.75	500	2,000	10.50	30.48	
	100R5-32G*	1 13/16	1.81	2.22	350	1,400	13.30	30.48	
	100R5-40G*	2 3/8	2.38	2.88	350	1,400	24.00	30.48	

### Construction

Synthetic rubber tube: one braid of high tensile carbon steel wire reinforcement over one braid of polyester; oil, weather and abrasion resistant synthetic rubber

### Application

Medium pressure hydraulic petroleum-based oil lines in impulse applications, lube oil, air and water in applications such as air brakes, power steering

### Range of Temperature

Under SAE 100R5 (hydraulic) conditions -40°F to +212°F (-40°C to +100°C). All-purpose fleet application (hot lube oil lines) -40°F to +300°F (-40°C to +149°C).


### Couplings (see AHF crimp Chart for Specifics)

DF series (Reusables)

F series (permanent crimp on)



## GATES C5E SAE

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (Inch)	Reel Length (m)	Weight KG/Mtr
			ID (Inch)	OD (Inch)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
	4C5E		3/16	0.49	1,500	6,000	0.80		
	5C5E		1/4	0.55	1,500	6,000	1.00		
	6C5E		5/16	0.61	1,500	6,000	1.30		
	8C5E		13/32	0.73	1,250	5,000	1.80		
	10C5E		1/2	0.83	1,250	5,000	2.30		

**Construction**

Black, oil and heat resistant, textile braid impregnated with synthetic rubber. Green stripe for easy identification. Reinforcement One braid of high tensile steel

**Application**

Air brake hose, power steering (CAUTION: Intended for heavy-duty commercial vehicle use only), fuel filter, engine and transmission coolant lines, and hot


**Range of Temperature**

-40°C to +149°C (for air +121°C maximum only)

**Couplings**

\* Gates reuseables only \* POA

## GATES LOL SAE 100R6 - Lock-on Hose

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (Inch)	Reel Length (m)	Vacuum (in Hg)
			ID (Inch)	OD (Inch)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
	100R6-03G	3/16		0.41	300	1,200	3.00		28.00
	100R6-04G	1/4		0.47	300	1,200	3.00		28.00
	100R6-05G	5/16		0.55	300	1,200	3.00		28.00
	100R6-06G	3/8		0.63	300	1,200	3.00		28.00
	100R6-08G	1/2		0.77	300	1,200	5.00		28.00
	100R6-10G	5/8		0.94	300	1,200	6.00		28.00
	100R6-12G	3/4		1.06	300	1,200	7.00		15.00
	100R6-16G	1							

**Construction**

Synthetic rubber tube: one fiber braid reinforcement; oil, weather and abrasion resistant synthetic rubber outer cover

**Application**

Petroleum-base hydraulic oils, water, glycol antifreeze solutions, engine lubricating oils and air. Lock-on hose and couplings are NOT recommended for pressure

**Range of Temperature**

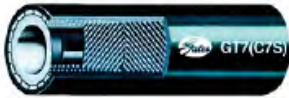
-40°C to +100°C (for air +71°C only)

**Couplings**

H series

A Series Permanent crimp on

## GATES GT7 SAE 100R7

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (Inch)	Reel Length (m)	Weight KG/Mtr
			ID (Inch)	OD (Inch)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
	100R7-02G*	1/8		0.34	2,500	10,000	0.50		
	100R7-03G*	3/16		0.43	3,000	12,000	0.80		
	100R7-04G*	1/4		0.51	2,750	11,000	1.30		
	100R7-05G*	5/16		0.60	2,500	10,000	1.80		
	100R7-06G*	3/8		0.66	2,250	9,000	2.00		
	100R7-08G*	1/2		0.82	2,000	8,000	3.00		
	100R7-12G*	3/4		1.07	1,250	5,000	5.00		
	100R7-16G*	1		1.47	1,000	4,000	10.00		

**Construction**

100% seamless Nylon - type Z, spiraled synthetic fiber reinforcement; oil, weather and abrasion resistant polyurethane outer cover

**Application**

Petroleum, water base and synthetic hydraulic fluids e.g power and telephone mobile equipment (cherry-pickers), lubrication lines, blowout preventer control

**Range of Temperature**

-54°C to +93°C Continuous service - Maximum for water, water/oil and water glycol +70°C

\* not held in stock


**Couplings (see AHF crimp Chart for Specifics)**

A series





## GATES GT7NC SAE 100R7 - Non-Conductive

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (Inch)	Reel Length (m)	Weight KG/Mtr
			ID (Inch)	OD (Inch)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
				<i>100R7NC-02G</i>	1/8				
	<i>100R7NC-03G</i>	3/16		0.44	3,000	12,000	0.80		
	<i>100R7NC-04G</i>	1/4		0.51	2,750	11,000	1.30		
	<i>100R7NC-05G</i>	5/16		0.58	2,500	10,000	1.80		
	<i>100R7NC-06G</i>	3/8		0.66	2,250	9,000	2.00		
	<i>100R7NC-08G</i>	1/2		0.82	2,000	8,000	3.00		
	<i>100R7NC-12G</i>	3/4		1.07	1,250	5,000	5.00		

**Construction**

100% seamless Nylon - type Z, spiraled synthetic fiber reinforcement; oil, weather and abrasion resistant orange urethane; non-perforated for applications

**Application**

Petroleum, water base and synthetic hydraulic fluids e.g power and telephone mobile equipment (cherry-pickers), lubrication lines, blowout preventer control


**Range of Temperature**

-54°C to +93°C Continuous service - Maximum for water, water/oil and water glycol +70°C

**Couplings (see AHF crimp Chart for Specifics)**

A series

## GATES GT7DL SAE 100R7 - Twin

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (Inch)	Reel Length (m)	Weight KG/Mtr
			ID (Inch)	OD (Inch)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
				<i>100R7TW-04G</i>	1/4				
	<i>100R7TW-05G</i>	5/16		0.60	2,500	10,000	1.80		
	<i>100R7TW-06G</i>	3/8		0.66	2,250	9,000	2.00		
	<i>100R7TW-08G</i>	1/2		0.82	2,000	8,000	3.00		

**Construction**

100% seamless Nylon - type Z, spiraled synthetic fiber reinforcement; oil, weather and abrasion resistant polyurethane outer cover

**Application**

Petroleum, water base and synthetic hydraulic fluids e.g power and telephone mobile equipment (cherry-pickers), lubrication lines, blowout preventer control


**Range of Temperature**

-54°C to +93°C Continuous service - Maximum for water, water/oil and water glycol +70°C

**Couplings (see AHF crimp Chart for Specifics)**

A series

## GATES GT8 SAE 100R8

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (Inch)	Reel Length (m)	Weight KG/Mtr
			ID (Inch)	OD (Inch)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
				<i>100R8-06G</i>	3/8				
	<i>100R8-08G</i>	1/2		0.89	3,500	14,000	4.00		
	<i>100R8-12G</i>	3/4		1.14	2,250	9,000	6.50		

**Construction**

100% seamless Nylon - type Z, two polyester braid reinforcement; oil, weather and abrasion resistant black urethane outer cover

**Application**

Petroleum, water base and synthetic hydraulic fluids e.g power and telephone mobile equipment (cherry-pickers), lubrication lines, blowout preventer control


**Range of Temperature**

-54°C to +93°C Continuous service - Maximum for water, water/oil and water glycol +70°C

**Couplings (see AHF crimp Chart for Specifics)**

A series

## GATES GT8NC SAE 100R8 - Non-conductive

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (Inch)	Reel Length (m)	Weight KG/Mtr
			ID (Inch)	OD (Inch)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
				<i>100R8NC-04G</i>	1/4				
	<i>100R8NC-06G</i>	3/8		0.77	4,000	16,000	2.50		
	<i>100R8NC-08G</i>	1/2		0.89	3,500	14,000	4.00		

**Construction**

100% seamless Nylon - type Z, two polyester braid reinforcement; oil, weather and abrasion resistant orange urethane outer cover. Non-conductive, maximum

**Application**

Petroleum, water base and synthetic hydraulic fluids e.g power and telephone mobile equipment (cherry-pickers), lubrication lines, blowout preventer control

**Range of Temperature**


-54°C to +93°C Continuous service - Maximum for water, water/oil and water glycol +70°C

**Couplings (see AHF crimp Chart for Specifics)**

A series



## GATES EFG4K SAE 100R12

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (Inch)	Reel Length (m)	Weight KG/Mtr
			ID (Inch)	OD (Inch)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
	100R12-06G	3/8		0.80	4,000	16,000	2.50	30.48	
	100R12-08G	1/2		0.94	4,000	16,000	3.50	30.48	
	100R12-12G	3/4		1.21	4,000	16,000	4.85	30.48	
	100R12-16G	1		1.50	4,000	16,000	6.00	30.48	
	100R12-20G	1 1/4		1.85	4,000	16,000	8.30	15.24	
	100R12-24G	1 1/2		2.11	3,000	12,000	20.00	15.24	
	100R12-32G	2		2.63	3,000	12,000	25.00	15.24	

**Construction**

Black, oil resistant synthetic rubber (Nitrile) four alternating layers of spiraled, high tensile steel wire; oil resistant synthetic rubber outer cover

**Application**

Extremely high pressure, high impulse applications


**Range of Temperature**

-40°C to +121°C

**Couplings (see AHF crimp Chart for Specifics)**

L series (permanent Crimp on)

## GATES EFG5K SAE 100R13

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (Inch)	Reel Length (m)	Weight KG/Mtr
			ID (Inch)	OD (Inch)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
	100R13-12G	3/4		1.24	5,000	20,000	9.50	30.48	
	100R13-16G	1		1.53	5,000	20,000	12.00	30.48	
	100R13-20G	1 1/4		1.97	5,000	20,000	16.50	15.24	
	100R13-24G	1 1/2						15.24	
	<b>100R13-32G</b>	<b>2</b>						15.24	

**Construction**

Black, oil resistant synthetic rubber (Nitrile) four (six for -20) alternating layers of spiraled, high tensile steel wire; oil resistant synthetic rubber outer cover

**Application**

Extremely high pressure, high impulse applications


**Range of Temperature**

-40°C to +121°C

**Couplings (see AHF crimp Chart for Specifics)**

M series (permanent Crimp on), Gates PCM couplings

## GATES EFG6K SAE 100R15

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (Inch)	Reel Length (m)	Weight KG/Mtr
			ID (Inch)	OD (Inch)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
	100R15-08G	1/2		0.95	6,000	24,000	7.00	30.48	
	100R15-10G	5/8		1.09	6,000	24,000	8.00	30.48	
	100R15-12G	3/4		1.24	6,000	24,000	9.50	30.48	
	100R15-16G	1		1.53	6,000	24,000	12.00	30.48	
	<b>100R15-20G</b>	<b>1 1/4</b>		<b>1.97</b>	<b>6,000</b>	<b>24,000</b>	<b>16.50</b>	<b>15.24</b>	

**Construction**

Black, oil resistant synthetic rubber (Nitrile) four (six for -20) alternating layers of spiraled, high tensile steel wire; oil resistant synthetic rubber outer cover

**Application**

Extremely high pressure, high impulse applications such as hydrostatic transmissions


**Range of Temperature**

-40°C to +121°C

**Couplings (see AHF crimp Chart for Specifics)**

AHF - N series, Gates PCM couplings

## GATES M2T SAE 100R16

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (Inch)	Reel Length (m)	Weight KG/Mtr
			ID (Inch)	OD (Inch)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
	100R16-04G	1/4		0.54	5,000	20,000	2.00	167.64	
	100R16-06G	3/8		0.69	4,000	16,000	2.50	117.35	
	<b>100R16-08G</b>	1/2		0.81	3,500	14,000	3.50	100.58	
	<b>100R16-10G</b>	5/8		0.95	3,000	12,000	4.00	67.06	
	<b>100R16-12G</b>	3/4		1.10	2,250	9,000	4.80	67.06	

**Construction**

Synthetic rubber tube: two braid of high tensile steel wire reinforcement; oil, weather and abrasion resistant synthetic rubber outer cover

**Application**

High pressure hydraulic lines


**Range of Temperature**

-40°C to +100°C

**Couplings (see AHF crimp Chart for Specifics)**

K series (permanent Crimp on)

## GATES M3K SAE 100R17

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (Inch)	Reel Length (m)	Weight KG/Mtr
			ID (Inch)	OD (Inch)	Working Pressure (PSI)	Min Burst Pressure (PSI)			
	100R17-04G	1/4		0.47	3,000	12,000	2.00	134.10	
	<b>100R17-06G</b>	3/8		0.62	3,000	12,000	2.50	100.58	
	<b>100R17-08G</b>	1/2		0.78	3,000	12,000	3.50	67.06	
	<b>100R17-16G</b>	1		1.48	3,000	12,000	6.00	50.29	

**Construction**

Synthetic rubber tube: one braid (-4,-6,-8) or two braid (-16) high tensile steel wire reinforcement; oil, weather and abrasion resistant synthetic rubber outer cover

**Application**

High pressure hydraulic oil lines


**Range of Temperature**

-40°C to +100°C

**Couplings (see AHF crimp Chart for Specifics)**

K series (permanent Crimp on)

## GATES - Jacking Hose

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (Inch)	Weight KG/Mtr
			ID (Inch)	OD (Inch)	Working Pressure (PSI)**	Min Burst Pressure (PSI)		
	100RJ2T-04G	-4	1/4	0.58	10,000	20,000	2.00	
	<b>100RJ2T-06G</b>	-6	3/8	0.74	10,000	20,000	2.50	

\*\* Static only

**Construction**

Synthetic rubber tube: two braid high tensile steel wire reinforcement; oil, weather and abrasion resistant synthetic rubber outer cover

**Application**

Hydraulic jack applications.

**Range of Temperature**

-40°C to +49°C

**Couplings (see AHF crimp Chart for Specifics)**

Gates Tails only - to order. Should be fitted with bend restrictors

## GATES - Power Clean

	Part Number	Size (Inch)	Dimension		Pressure		Min Bend Radius (Inch)	Reel Length (m)	Weight KG/Mtr
			ID (Inch)	OD (Inch)	Working Pressure (PSI)**	Min Burst Pressure (PSI)			
	4PC3500-BLUE	-4	1/4	0.53	3,500		4"	91.44	
	6PC3000-BLUE	-6	3/8	0.68	3,000		5"	91.44	
	6PC5000-BLUE	-6	3/8	0.74	5,000		5"	91.44	
	6PC5000-BLACK	-6	3/8	0.74	5,000		5"	91.44	

**Construction**

Tube: Synthetic rubber specially compounded to handle high pressure water service

Cover: Specially compounded to

**Application**

Recommended for use on hot or cold water high pressure cleaning equipment

**Range of Temperature**

-40°C to +121°C

**Couplings (see AHF crimp Chart for Specifics)**

K series



# Mud Suction Hoses



**Now available on request**