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MORE PRODUCTS  
COMING SOON

MORE PRODUCTS  
COMING SOON

# TAIPAN HOSE

Taipan Hose

## AHF SAE 100R1

### Construction:

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *One braid of high tensile steel wire.*
- Outer Cover; *Oil, weather & abrasion resistant synthetic rubber - Black*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R1-03AHF	3/16	4,8	12,1	3.000	12.000	90	130	0,20
100R1-04AHF	1/4	6,4	13,5	3.270	13.080	100	130	0,22
100R1-06AHF	3/8	9,5	17,1	2.610	10.440	125	100	0,30
100R1-08AHF	1/2	12,7	20,3	2.320	9.280	180	100	0,39
100R1-10AHF	5/8	15,9	23,9	1.890	7.560	205	50	0,50
100R1-12AHF	3/4	19,0	27,8	1.520	6.080	240	50	0,64
100R1-16AHF	1	25,4	35,5	1.280	5.120	300	50	0,83
100R1-20AHF	1 1/4	31,7	42,8	900	3.600	420	20	1,20
100R1-24AHF	1 1/2	38,1	49,5	740	2.960	500	20	1,50
100R1-32AHF	2	50,8	61,4	580	2.320	630	20	1,95

**Specifications/Approvals:** Non skive, meets or exceeds SAE J517 100R1, EN853, MSHA, LR, ABS approved.

**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.

**Temperature Range:** -40°C to +100°C

**Couplings:** (see Taipan crimp Chart for Specifics) K series (permanent Crimp on) D series (reusable) D1 Shells.

Taipan Hose

## AHF SAE 100R2

### Construction:

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two braids of special high tensile steel wire separated by synthetic rubber layer.*
- Outer Cover; *Oil, weather & abrasion resistant synthetic rubber - Black.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R2-04AHF	1/4	6,4	14,6	5.800	23.200	100	130	0,22
100R2-05AHF	5/16	7,9	16,7	5.080	20.320	115	90	0,28
100R2-06AHF	3/8	9,5	18,7	5000 (LR 4790)	20.000	125	100	0,30
100R2-08AHF	1/2	12,7	22,0	4257 (LR 3990)	17.028	180	100	0,39
100R2-10AHF	5/8	15,9	25,3	3.630	14.520	205	50	0,50
100R2-12AHF	3/4	19,0	29,0	3.120	12.480	240	50	0,64
100R2-16AHF	1	25,4	37,0	2500 (LR 2390)	10.000	300	50	0,83
100R2-20AHF	1 1/4	31,8	45,2	1.840	7.360	420	20	1,20
100R2-24AHF	1 1/2	38,1	51,5	1.320	5.280	500	20/60	1,50
100R2-32AHF	2	50,8	64,0	1.170	4.680	630	20	1,95

**LR = Lloyds Register**

**Specifications/ Approvals:** Non skive, meets or exceeds SAE J517 100R2, EN853, ISO6805, MSHA, LR, ABS, FRAS approved.

**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.

**Temperature Range:** -40°C to +100°C

**Couplings:** (see Taipan crimp Chart for Specifics) K series (permanent Crimp on) D series (reusable) D2 Shells.



Taipan Hose

SAE 100R2 Extra Pressure

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two braids of special high tensile steel wire, separated by synthetic rubber layer.*
- Outer Cover; *Oil, weather and abrasion resistant synthetic rubber - Black.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R2XP-08AHF	1/2	13,0	20,7	5.000	20.000	90	100	0,52

**Specifications:** Non skive, exceeds EN857, 2SC, SAE J517 100R16-S, 2SN-K.

**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.

**Temperature Range:** -40°C to +100°C

**Couplings:** (see Taipan crimp Chart for Specifics) K series (permanent Crimp on).

Taipan Hose

SAE 100R2GP General Purpose

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two braids of high tensile copper clad wire separated by synthetic rubber layer.*
- Outer Cover; *Oil, weather and abrasion resistant synthetic rubber - Black.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R2GP-04AHF	1/4	6,4	15,0	5.800	23.200	100	100	0,35
100R2GP-06AHF	3/8	9,5	18,7	4.785	20.000	127	100	0,50
100R2GP-08AHF	1/2	12,7	22,2	3.988	17.028	178	70	0,62
100R2GP-10AHF	5/8	15,9	25,3	3.625	14.400	203	40	0,72
100R2GP-12AHF	3/4	18,9	29,6	3.118	12.470	240	40	0,92
100R2GP-16AHF	1	25,4	37,1	2.393	9.570	300	30	1,30

**Specifications:** Non skive, EN853, 2SN & SAEJ517100R2.

**Application:** Medium to High Pressure hydraulic lines. Suitable for petroleum based hydraulic fluids, synthetic esters, biodegradable hydraulic fluids, water glycol based fluids and air. For air applications above 100psi the cover should be pin pricked.

**Temperature Range:** -40°C to +100°C

**Couplings:** (See Taipan crimp chart for specifics) K Series (permanent Crimp on) D series (reusables) D2 Shells.

Taipan Hose

### SAE 100R2 High Temperature

For additional high temperature hose sizes, please refer to 100R16 High Temperature on page 17

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two braids of high tensile steel wire separated by synthetic rubber layer.*
- Outer Cover; *Oil, weather & abrasion resistant synthetic rubber - Blue.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R2H-20AHF	1 1/4	31,8	47,8	1800	7200	420	20	2,16
100R2H-24AHF	1 1/2	38,1	54,2	1300	5200	500	20	2,48
100R2H-32AHF	2	50,8	67,0	1150	4.600	630	20	3,08

**Specifications:** Non skive, meets or exceeds SAEJ517100R2, EN853, 2SN.

**Application:** High temperature hose at high pressure for hydraulic applications. Meets or exceeds SAE 100R2 performance. Suitable for the passage of mineral and vegetable oils, water-based solutions, water, air and inert gases. For air applications above 100psi the cover should be pin pricked.

**Temperature Range:** -40°C to +135°C (discontinuous 150°C), for air, not higher than 121°C

**Couplings:** (see Taipan crimp Chart for Specifics) K series (permanent Crimp on) D series (reusable) D2 shells.

Taipan Hose

### SAE 100R2 Jacking

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two braids of high tensile steel wire separated by synthetic rubber layer.*
- Outer Cover; *Oil, weather & abrasion resistant synthetic rubber - Black.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R2J-04AHF	1/4	6,4	13,3	10.000	20.000	50		0,34
100R2J-06AHF	3/8	9,5	17,3	10.000	20.000	65		0,42

**Specifications:** Non skive, IJ100 10000PSI static pressure only.

**Application:** Hydraulic jack applications with petroleum and water-based fluids. Suitable for passage of mineral and vegetable oils, water based solutions, water air and inert gases.

**Temperature Range:**

**Couplings:** (see Taipan crimp Chart for Specifics) K series. Vinyl Bend Restrictors (VBR) are also available in our accessories section.

**Construction:**

- Inner Tube; *Synthetic oil resistant rubber.*
- Reinforcement; *One high tensile polyester cord (helix wire).*
- Outer Cover; *Synthetic oil and weather resistant rubber - Black.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Clamps Used	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R4-12AHF	3/4	19,0	30,0	305	SC29-31W2	125	20	0,70
100R4-16AHF	1	25,0	38,0	247	SC37-40W2	150	20	0,95
100R4-20AHF	1 1/4	32,0	45,0	203	SC43-47W2	200	40	1,00
100R4-24AHF	1 1/2	38,0	52,0	152	SC51-55W2	225	40	1,10
100R4-32AHF	2	51,0	65,0	102	SC63-68W2	300	20	2,00
100R4-40AHF	2 1/2	64,0	78,0	58	SC73-79W2	355	20	2,49
100R4-48AHF	3	76,0	90,0	58	SC85-91W2	460	20	3,26

**Specifications:** Exceeds SAE J517 100R4.

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

**Temperature Range:** -25°C to +100°C

**Couplings:** Low pressure tails (e.g. QAEX,QEBEX) with super clamps.

**Construction:**

- Inner Tube; *Oil resistant synthetic rubber tube.*
- Reinforcement; *Two textile spirals.*
- Outer Cover; *Synthetic oil and weather resistant rubber - Black.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R6-03AHF	3/16	4,8	12,1	580	2.320	64	100	0,16
100R6-04AHF	1/4	6,4	13,5	580	2.320	65	100	0,17
100R6-05AHF	5/16	7,9	15,9	580	2.320	75	100	0,19
100R6-06AHF	3/8	9,5	17,1	580	2.320	75	100	0,22
100R6-08AHF	1/2	12,7	16,6	510	2.040	100	100	0,30
100R6-10AHF	5/8	15,9	23,5	510	2.040	125	50	0,32
100R6-12AHF	3/4	19,0	27,8	510	2.040	150	50	0,44
100R6-16AHF	1	25,4	35,2	510	2.040	170	50	0,58

**Specifications:** Exceeds SAE J517 100R6

**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.

**Temperature Range:** -40°C to +100°C

**Couplings:** H series push lock tails.

Taipan Hose

**SAE 100R6H (High Temp, Textile Braid)**

**Construction:**

- Inner Tube; *Oil resistant synthetic rubber tube.*
- Reinforcement; *One high resistant textile braid.*
- Outer Cover; *Blue synthetic rubber resistant to oils, abrasion and weather condition. MSHA flame resistant cover*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R6H-04AHF	1/4	6,4	12,6	400	1.600	65	100	0,08
100R6H-05AHF	5/16	7,9	14,2	400	1.600	75	100	0,10
100R6H-06AHF	3/8	9,5	15,8	400	1.600	75	100	0,13
100R6H-08AHF	1/2	12,7	19,8	400	1.600	100	100	0,15
100R6H-10AHF	5/8	15,9	23,1	350	1.400	125	50	0,17
100R6H-12AHF	3/4	19,0	26,5	300	1.200	150	50	0,21

**Specifications:** Meets or Exceeds SAE J517 100R6 performance

**Application:** High temperature low pressure hose for hydraulic applications.

Suitable for passage of mineral and vegetable oils, water-based solutions, water air and inert gases.

**Temperature Range:** -40°C to +135°C (150°C discontinuous) except for air - not higher than 121°C

**Couplings:** H series push lock tails.

Taipan Hose

**FIRE SUPPRESSION HOSE (SAE 100R6)**

**Construction:**

- Inner Tube; *Oil resistant synthetic rubber tube.*
- Reinforcement; *Two textile spirals.*
- Outer Cover; *Synthetic oil and fire resistant rubber - Red.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R6RFS-06AHF	3/8	9,5	17,1	580	2.320	75	100	0,22
100R6RFS-08AHF	1/2	12,7	16,6	510	2.040	100	100	0,30
100R6RFS-12AHF	3/4	19,0	27,8	510	2.040	150	50	0,44

**Specifications:** Exceeds SAE J517 100R6

**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.

**Temperature Range:** -40°C to +100°C

**Couplings:** H series push lock tails.



SAE 100R7 & 100R7TW (Twin Hose) Thermoplastic

**Construction:**

- Inner Tube; Polyester elastomer.
- Reinforcement; One or two braids of synthetic fibre.
- Outer Cover; Polyurethane, pinpricked - Black.



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R7-02AHF	1/8	4,0	8,3	3.000	12.000	25	100	0,045
100R7-03AHF	3/16	5,0	9,6	3.000	12.000	25	100	0,06
100R7-04AHF	1/4	6,5	12,2	3.000	12.000	35	100	0,10
100R7-06AHF	3/8	9,7	16,0	2.300	9.200	55	100	0,15
100R7-08AHF	1/2	13,0	20,3	2.000	8.000	75	100	0,22
100R7TW-04AHF	1/4	6,5	12,2	3.000	12.000	35	100	0,20
100R7TW-06AHF	3/8	9,7	16,0	2.300	9.200	55	100	0,29

**Specifications:** Meets or exceeds SAE100R7, EN855, ISO3949.

**Applications:** Medium pressure hose suitable for hydraulic applications with increased resistance to abrasion. For use with petroleum synthetic or water based hydraulic fluids in hydraulic systems. Suitable for general fluid power transmissions like earth moving, agricultural machinery, forklifts and trucks. Also suitable for many industrial gases.

**Vacuum Rating:** 0.93Bar, 700mm Hg (-13.5psi: 27.5 inch Hg).

**Temperature Range:** -40°C to +100°C Temp. not to exceed +70°C for Air and Water based fluids.

**Couplings:** J Series (flat crimp).

SAE 100R7 & 100R7TW (Twin Hose) Thermoplastic Non Conductive

**Construction:**

- Inner Tube; Polyester elastomer.
- Reinforcement; One braid of synthetic fibre.
- Outer Cover; Polyurethane, pinpricked - Orange.



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R7NC-04AHF	1/4	6,5	12,2	3.000	12.000	35	100	0,10
100R7NC-06AHF	3/8	9,7	16,0	2.300	9.200	55	100	0,15
100R7NC-08AHF	1/2	13,0	20,3	2.000	8.000	75	100	0,22
100R7NCTW-06AHF	3/8	9,7	16,0	2.300	9.200	55	100	0,29

**Specifications:** Meets or exceeds SAE100R7, EN855, ISO3949.

**Applications:** Medium pressure hose suitable for hydraulic applications with increased resistance to abrasion. For use with petroleum synthetic or water based hydraulic fluids in hydraulic systems. Suitable for general fluid power transmissions like earth moving, agricultural machinery, forklifts and trucks. Also suitable for many industrial gases.

**Vacuum Rating:** 0.93Bar, 700mm Hg (-13.5psi: 27.5 inch Hg).

**Temperature Range:** -40°C to +100°C Temp. not to exceed +70°C for Air and Water based fluids.

**Couplings:** J Series (flat crimp).





Taipan Hose

### SAE 100R8 & 100R8TW (Twin Hose) Thermoplastic

**Construction:**

- Inner Tube; *Polyester elastomer.*
- Reinforcement; *One or two braids of synthetic fibre.*
- Outer Cover; *Polyurethane, pinpricked - Black.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R8-02AHF	1/8	4	8	6,000	24.000	25	100	0,034
100R8-04AHF	1/4	6,5	11,5	5.000	20.000	50	100	0,09
100R8-06AHF	3/8	9,7	15,5	4.000	16.000	60	100	0,14
100R8-08AHF	1/2	13,0	19,9	3.500	14.000	80	100	0,20
100R8-12AHF	3/4	19,5	26,9	2.300	9.200	150	100	0,32
100R8-16AHF	1	25,9	34,2	2.000	8.000	200	44	0,44
100R8TW-04AHF	1/4	6,5	11,5	5.000	20.000	50	100	0,17
100R8TW-06AHF	3/8	9,7	15,5	4.000	16.000	60	100	0,27

**Specifications:** Meets or exceeds SAE100R8, EN855, ISO3949. Hoses also meets standards SAEJ517, J343 and EN855 for non conductivity where maximum electrical leakage shall not exceed 50uA when a 152mm sample is subject to 375 KV for 5 minutes equivalent to 250KV/meter.

**Applications:** High pressure hose suitable for use with petroleum synthetic or water based hydraulic fluids with increased resistance to abrasion and very low expansion. Suitable for general fluid power transmissions like earthmoving, agricultural machinery, forklift trucks and other high pressure equipment. Also suitable for many industrial gases.

**Vacuum Rating:** 0.93Bar, 700mm Hg (-13.5psi: 27.5 inch Hg).

**Temperature Range:** -40°C to +100°C Temp. not to exceed +70°C for Air and Water based fluids.

**Couplings:** J Series (flat crimp).

Taipan Hose

### SAE 100R8 & 100R8TW (Twin Hose) Thermoplastic Non Conductive

**Construction:**

- Inner Tube; *Polyester elastomer.*
- Reinforcement; *One or two braids of aramid fibre.*
- Outer Cover; *Polyurethane, pinpricked - Orange.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R8NC-04AHF	1/4	6,5	11,5	5.000	20.000	50	100	0,09
100R8NC-06AHF	3/8	9,7	15,5	4.000	16.000	60	100	0,14
100R8NC-08AHF	1/2	13,0	19,9	3.500	14.000	80	100	0,20
100R8NCTW-04AHF	1/4	6,5	11,5	5.000	20.000	50	100	0,17

**Specifications:** Meets or exceeds SAE100R8, EN855, ISO3949. Hoses also meets standards SAEJ517, J343 and EN855 for non conductivity where maximum electrical leakage shall not exceed 50uA when a 152mm sample is subject to 375 KV for 5 minutes equivalent to 250KV/meter.

**Applications:** High pressure hose suitable for use with petroleum synthetic or water based hydraulic fluids used in hydraulic applications requiring electrical high insulation or non-conductivity in high tension environment e.g. near electrical power lines

**Vacuum Rating:** 0.93Bar, 700mm Hg (-13.5psi: 27.5 inch Hg).

**Temperature Rating:** -40°C to +100°C Temp. not to exceed +70°C for Air and Water based fluids.

**Couplings:** J Series (flat crimp).

Taipan Hose

SAE 100R12 Standard

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Four layers of high tensile steel spirals.*
- Outer Cover; *Synthetic rubber resistant to oils, weather & abrasion resistant - Black*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R12-24AHF	1 1/2	38,1	53,3	4,200	16,800	560	45	3,30
100R12-32AHF	2	51,1	67,3	3,625	14,500	700	60	4,94

**Specifications/ Approvals:** Non skive, flame resistant cover. MSHA approved.

**Applications:** High pressure hose, Exceeds SAE 100R12. Higher flexibility compared with conventional spiral hoses. Suitable for the passage of mineral and vegetable oils, water based solutions, water, air and inert gases.

**Temperature Range:** Continuous -40°C to +100°C (Intermittent to 120°C).

**Couplings:** L series\* (permanent crimp on).

*Refer to 100R12SF for additional sizes.*

Taipan Hose

SAE 100R12 Super Flex

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Four layers of high tensile steel spirals.*
- Outer Cover; *Synthetic rubber resistant to oils, weather & abrasion resistant - Black*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R12SF-12AHF	3/4	19,0	30,0	4,100	16,400	120	60	1,10
100R12SF-16AHF	1	25,4	37,0	4,100	16,400	150	60	1,40
100R12SF-20AHF	1 1/4	31,8	44,6	4,100	16,400	210	60	2,50
100R12SF-24AHF	1 1/2	38,1	51,6	4,100	16,400	290	45	3,10

**Specifications/ Approvals:** Non skive, flame resistant cover. MSHA approved.

**Applications:** Very high pressure hose, Super flexible high performance with half bend radius of SAE 100R12. Higher flexibility compared with conventional spiral hoses. Tested over 1,000,000 impulse cycles at 33% more than WP. Suitable for the passage of mineral and vegetable oils, water based solutions, water, air and inert gases.

**Temperature Range:** Continuous -40°C to +121°C (Intermittent to 125°C).

**Couplings:** L series\* (permanent crimp on).



1/2 Bend Radius Hose

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Four layers of high tensile steel spirals.*
- Outer Cover; *Synthetic rubber resistant to oils, weather & abrasion resistant - Grey*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R12TC-06AHF	3/8	9,5	19,7	4.100	16.400	65	60	0,60
100R12TC-08AHF	1/2	12,7	22,7	4.100	16.400	90	60	0,80
100R12TC-12AHF	3/4	19,0	30,0	4.100	16.400	120	60	1,10
100R12TC-16AHF	1	25,4	37,0	4.100	16.400	150	60	1,40

**Specifications/Approvals:** Non skive, flame resistant cover. MSHA approved.

**Applications:** Very high pressure hose, high performance with half bend radius of SAE 100R12. Higher flexibility compared with conventional spiral hoses. Tested over 1,000,000 impulse cycles at 33% more than WP. Suitable for the passage of mineral and vegetable oils, water based solutions, water, air and inert gases.

**Temperature Range:** Continuous -40°C to +121°C (Intermittent to 125°C)

**Couplings:** L series\* (permanent crimp on).

**Construction:**

- Inner Tube; *Oil resistant synthetic rubber.*
- Reinforcement; *Four\* or six\* plies of spirally wrapped high tensile wire.*
- Outer Cover; *Synthetic rubber resistant to oils, weather & abrasion resistant - Black*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R13-12AHF	3/4	19,0	31,3	5.000	20.000	280	20	1,50
100R13-16AHF	1	25,4	38,5	5.000	20.000	340	20	2,20

**Specifications/ Approvals:** Non skive, Meets SAE J517 100R13, EN856 R13, flame resistant cover. MSHA & Lloyds approved.

**Application:** Extra high pressure service with petroleum base hydraulic fluids.

**Temperature Range:** -40°C to + 121°C

**Couplings:** N series.

**Note:** \* = 3/4" - 1" made with 4 wire spirals, remainder are 6 wire spiral.

Taipan Hose

SAE 100R14 PTFE Convuluted

**Construction:**

- Inner Tube; *Helically convoluted sintered polytetrafluoroethylene (PT.FE.)*
- Reinforcement; *Single braid of 304 series of stainless steel wire.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R14-08C	1/2	12,7	19,8	1960	7840	20	100	0,27

**Specifications:** PTFE (True Bore)

**Application:** Excellent chemical resistance, non contamination properties, low coefficient of friction and resists deterioration. Therefore the hose is used generally in applications where all or one of the above properties is the main criteria in automotive, chemical, pharmaceutical, food processing, plastic & rubber moulding machines. Also, for some applications the tube can also be made conductive to dissipate electro-static Charges.

**Temperature Range:** Continuous -54°C to +260°C

**Couplings:** Contact Taipan Pty Ltd for details.

Taipan Hose

SAE 100R14 PTFE Smooth Bore

**Construction:**

- Inner Tube; *Polytetrafluoroethylene (PT.FE.)*
- Reinforcement; *Single braid of 304 series of stainless steel wire.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R14-02AHF	1/8	3,0	6,2	3260	13040	40	100	0,07
100R14-03AHF	3/16	4,8	7,6	2750	11000	50	100	0,08
100R14-04AHF	1/4	6,4	8,8	2610	10440	75	100	0,10
100R14-05AHF	5/16	8,0	11,0	2540	10160	100	100	0,13
100R14-06AHF	3/8	9,5	12,1	2390	9560	125	100	0,17
100R14-08AHF	1/2	12,7	16,2	1740	6960	165	100	0,22
100R14-10AHF	5/8	16,0	18,8	1270	5080	200	50	0,28
100R14-12AHF	3/4	19,0	23,1	1010	4040	230	50	0,33
100R14-16AHF	1	25,4	29,2	870	3480	300	20	0,45

**Specifications:** SAE J517 100R14.

**Application:** Excellent chemical resistance, non-contamination properties, low coefficient and resists deterioration. High temperature steam line, hot air supply line, compressor and chemical fluid line, brake fluids (non-petroleum).

Temperature Range: -54°C to +260°C

**Couplings:** (see Taipan crimp Chart for Specifics) C series.



**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Four\* or six\* plies of spirally wrapped high tensile wire.*
- Outer Cover; *Synthetic rubber resistant to oils, abrasion and weather conditions - Black*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R15-06AHF	3/8	9,5	20,0	6.100	24.400	65	60	0,65
100R15-08AHF	1/2	12,7	23,0	6.100	24.400	90	60	0,85
100R15-10AHF	5/8	16,0	26,6	6.100	24.400	100	60	1,00
100R15-12AHF	3/4	19,0	30,6	6.100	24.400	120	60	1,50
100R15-16AHF	1	25,4	37,8	6.100	24.400	150	60	2,00
100R15-20AHF	1 1/4	31,8	49,3	6.100	24.400	300	60	3,55
100R15-24AHF	1 1/2	38,1	57,0	6.100	24.400	350	60	4,65

**Specifications:** Non skive, Exceeds SAE J517 100R15.

**Application:** Very high pressure hose, with high performance and half bend radius of the SAE 100R15 standard. Higher flexibility compared with conventional spiral hoses. Tested to over 1,000,000 impulse cycles at 133% of working pressure from -06 to -12 and 120% working pressure from -16 to -32, more than twice that required by SAEJ517, EN 856 or ISO 3862-1. Suitable for the passage of mineral and vegetable oils, water-based solutions, water, air and inert gases.

**Temperature Range:** -40°C to + 121°C (intermittent to 125°C)

**Couplings:** N series non skive, L series 3/8" - 5/8"

**Note:** \* = up to 1" four spirals, 1 1/4" - 1 1/2" six spirals.

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Six plies of spirally wrapped high tensile wire.*
- Outer Cover; *Synthetic rubber resistant to oils, abrasion and weather conditions - Black.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R15-32AHF	2	51,0	70,5	6.000	24.000	650	60	6,50

**Specifications/ Approvals:** Non skive, flame resistant cover. MSHA approved.

**Application:** Very high pressure hose, with higher flexibility compared to conventional spiral hoses. Suitable for the passage of mineral and vegetable oils, water-based solutions, water, air and inert gases.

**Temperature Range:** -40°C to + 121°C (intermittent to 125°C).

**Couplings:** N series

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two high tensile steel wire braids.*
- Outer Cover; *Oil, weather and abrasion resistant synthetic rubber outer cover - Black.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R16-04AHF	1/4	6,4	13,2	5.000	20.000	50	100	0,22
100R16-06AHF	3/8	9,5	17,3	4.000	16.000	63	100	0,30
100R16TW-06AHF	3/8	10,0	17,1	5.075	20.300	70	100	0,836
100R16-08AHF	1/2	12,7	20,8	3.500	14.000	90	100	0,39

**Specifications:** Non skive, compact two wire with improved working pressure and bend radius.

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

**Temperature Range:** Continuous: -40°C to +100°C

**Couplings:** K series.

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two high tensile steel wire braids.*
- Outer Cover; *Oil, weather and abrasion resistant synthetic rubber outer cover - Blue.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R16H-04AHF	1/4	6,4	13,4	5.800	23.200	50	TBA	0,30
100R16H-06AHF	3/8	9,5	17,3	4.800	19.200	65	TBA	0,40
100R16H-08AHF	1/2	12,7	20,5	4.000	16.000	90	TBA	0,50
100R16H-10AHF	5/8	15,9	24,2	3.600	14.400	120	TBA	0,65
100R16H-12AHF	3/4	19,0	27,8	3.000	12.000	120	TBA	0,85
100R16H-16AHF	1	25,4	34,7	2.400	9.600	150	TBA	1,15

**Specifications:** Non skive, meets or exceeds SAE100R16, EN857, 2SC.

**Application:** High temperature hose with extreme flexibility. Recommended for hydraulic applications where a tighter bend radius is needed. Suitable for the passage of mineral and vegetable oils, water-based solutions, water, air and inert gases. For air applications above 100psi the cover should be pin pricked.

**Temperature Range:** -40°C to +135°C (discontinuous 150°C), for air, not higher than 121°C

**Couplings:** (see Taipan crimp Chart for Specifics) K series (permanent Crimp on).

Taipan Hose

### 100R18TWLT Low Temperature

**Construction:**

- Inner Tube; *Polyester elastomer.*
- Reinforcement; One of Two braids of synthetic fiber.
- Outer Cover; *Special polyester, black, pinpricked, white ink-jet branding.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R18TWLT-04AHF	1/4	6,5	12,20	3,000	12.000	35	100	0,19

**Specifications:** SAE100R18 / ISO3949-R18.

**Application:** Forklift handling. All industrial and agricultural applications exposed to low temperatures or cyclic and quick temperature changes.

**Temperature Range:** -55°C to +100°C; limited to +70°C for air and water based fluids.

**Couplings:** J Series

Taipan Hose

### SAE 100R19 High Pressure Two Wire

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two high tensile steel wire braids.*
- Outer Cover; *Oil, weather and abrasion resistant synthetic rubber outer cover - Black.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R19-10AHF	5/8	15,9	23,8	4.100	16.400	100	60	0,44
100R19-12AHF	3/4	19,0	27,8	4.100	16.400	120	60	0,54
100R19-16AHF	1	25,4	37,0	4.100	16.400	150	60	0,84

**Specifications:** Non skive, meets SAE J517 100R19.

**Application:** High pressure hose with improved impulse cycles and greater performance. Suitable for passage of mineral and vegetable oils, water based solutions and inert gases.

**Temperature Range:** Continuous: -40°C to +100°C (intermittent to 120°C)

**Couplings:** K series.

Taipan Hose

Aquawash Hose

**Construction:**

- Inner Tube; *Synthetic rubber resistant to detergents.*
- Reinforcement; *One or two high tensile steel wire braids.*
- Outer Cover; *Abrasion, weather, ozone and detergent resistant synthetic rubber. \*Blue, Grey or Black.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
100R1PWH-04 (BL)	1/4	6,6	11,8	3,625	10,875	35	TBA	0,18
100R1PWH-06 (G)	3/8	9,9	16,1	4,000	10,875	75	TBA	0,26
100R2PWH-06 (BL)	3/8	9,9	18,4	5,800	19,140	125	TBA	0,28

**Specifications:** Complies with EN ISO 7751, EN1829-2.

**Application:** Professional pressure water cleaning applications for dairies, and general cleaning applications.

**Temperature Range:** -10°C to +155°C max.

**Couplings:** (see Taipan crimp Chart for Specifics) K series.

**Note:** \* = Hose Colour; (BL) = Blue Colour; (G) = Grey Colour.

Taipan Hose

Grease Hose

**Construction:**

- Inner Tube; *Thermoplastic polymer.*
- Reinforcement; *One braid of synthetic fibre polyester.*
- Outer Cover; *Thermoplastic polymer - Black.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
GH8.3MM	5/32	4,0	8,3	5,800	14,500	25	100	

**Specifications:** Meets requirements of DIN 1283.

**Applications:** Manual & air-operated greasing guns, central greasing and lubrication systems. High Pressure hose suitable for petroleum or synthetic or water based hydraulic fluids specifically designed for diverse greasing and lubrication applications of industrial vehicles and handheld or automatic greasing distribution equipment. Extremely compact and flexible, highly kink resistant, special anti sticky cover for easy installation and compact routing.

**Temperature Range:** -40°C - 60°C

**Couplings:** GH Series reusable.



Taipan Hose

Paint Spray Hose

**Construction:**

- Inner Tube; *Nylon*
- Reinforcement; *One braid of high tensile single wire braid.*
- Outer Cover; *Polyurethane - Blue.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
PSH1-04	1/4	6,3	12,3	3.000	18.450	50	TBA	0,17

**Application:** For paint spray equipment and hydraulic fluids service.

**Temperature Range:** -20°C - 80°C

**Couplings:** A Series (Available on request).

AEROQUIP HOSE

Aeroquip Hose

SAE 100R5 FC300 High Temperature

**Construction:**

- Inner Tube; *AQP elastomer.*
- Reinforcement; *A polyester inner braid and a single wire braid.*
- Outer Cover; *Polyester braid - Blue.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
FC300-04	3/16	4,8	13,2	3.000	12.000	76		0,19
FC300-05	1/4	6,4	14,7	3.000	12.000	85,6		0,24
FC300-06	5/16	7,9	17,0	2.250	9.000	102		0,34
FC300-08	13/32	10,3	19,3	2.000	8.000	117		0,39
FC300-10	1/2	12,7	23,6	1.750	7.000	140		0,55
FC300-12	5/8	15,9	27,4	1.500	6.000	165		0,69
FC300-16	7/8	22,2	32,3	800	3.200	187		0,66
FC300-20	1 1/8	28,6	38,1	625	2.500	229		0,78
FC300-24	1 3/8	34,9	44,5	500	2.000	267		1,00
FC300-32	1 13/32	47,6	56,4	300	1.200	337		1,40

**Specifications:** Non skive, SAE100R5.

**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.

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

**Couplings:** DF reusable series.

**Construction:**

- Inner Tube; *AQP elastomer.*
- Reinforcement; *A single textile braid.*
- Outer Cover; *AQP elastomer wrap - Blue.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
FC332-04	1/4	6,4	12,5	250	1.000	76	100	0,12
FC332-06	3/8	9,7	16,0	250	1.000	76	100	0,18
FC332-08	1/2	12,7	19,0	250	1.000	102	100	0,22
FC332-10	5/8	16,0	23,1	250	1.000	152	100	0,30
FC332-12	3/4	19,0	26,4	250	1.000	178	100	0,42

**Specifications:** Non skive, SAE100R6.

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

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

**Couplings:** H series.

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *NBR four wire spiral.*
- Outer Cover; *Synthetic rubber - Black.*



Part Number	Size (In)	ID (mm)	OD (mm)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (mm)	Reel Length (M)	Weight KG/M
GH506-12	3/4	19,1	32,3	6.100	24.400	280	45	1,49
GH506-16	1	25,4	38,3	5.510	22.040	340	45	2,05
GH506-20	1 1/4	31,8	45,5	5.075	20.300	460	45	2,54

**Specifications:** Non skive, EN856, 4SH.

**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

**Couplings:** N/SH series (permanent Crimp on).