

SECTION 1

HOSES



Single Wire Braid Hose

Premium Smooth Cover



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MORE PRODUCTS
COMING SOON

MORE PRODUCTS
COMING SOON

MORE PRODUCTS
COMING SOON

MORE PRODUCTS
COMING SOON

Double Wire Braid Hose

Premium Smooth Cover



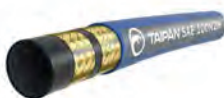
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General Purpose Wrapped Cover



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High Temperature



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High Pressure



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MORE PRODUCTS
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Compact Single Wire Braid Hose

Compact Single Braid Smooth Cover



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Fire Suppression



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MORE PRODUCTS
COMING SOON

MORE PRODUCTS
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MORE PRODUCTS
COMING SOON

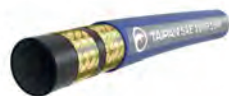
Compact Double Wire Braid Hose

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MORE PRODUCTS
COMING SOON

MORE PRODUCTS
COMING SOON






TAIPAN




Four Wire Spiral Hose

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Thermoplastic Hose

Black Conductive Single and Twin Line	Orange Non Conductive Single and Twin Line	Black Conductive Single and Twin Line	Orange Non Conductive Single and Twin Line	Black Low Temperature Twin Line
				
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Can't find what you're looking for?

1300 654 782

High Temperature Hose



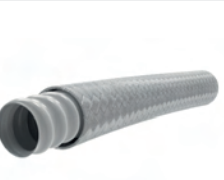




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Accessory Hose

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TAIPAN
Hydraulic Hose Systems

Single Wire Braid Hose

SAE100R1 - Premium Smooth Cover

Construction:

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *One braid of high tensile steel wire.*
- Outer Cover; *Oil, weather and abrasion resistant synthetic rubber - Black. MSHA 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
100R1-03	3/16	4.8	12.1	3000	12000	90	130	0.20
100R1-04	1/4	6.4	13.5	3270	13080	100	130	0.22
100R1-06	3/8	9.5	17.1	2610	10440	125	100	0.30
100R1-08	1/2	12.7	20.3	2320	9280	180	100	0.39
100R1-10	5/8	15.9	23.9	1890	7560	205	50	0.50
100R1-12	3/4	19.0	27.8	1520	6080	240	50	0.64
100R1-16	1	25.4	35.5	1280	5120	300	50	0.83
100R1-20	1 1/4	31.7	42.8	900	3600	420	20	1.20
100R1-24	1 1/2	38.1	49.5	740	2960	500	20	1.50
100R1-32	2	50.8	61.4	580	2320	630	20	1.95

Specifications: Non skive, meets or exceeds SAE J517 100R1, EN853.

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.

Air Application: For air and inert gas applications above 100PSI the cover should be pin pricked.

Temperature Range: -40°C to +100°C

Couplings: **K series**- See pg. 57-83, **D series with D1 shells** - See pg. 83-89

Approvals: See Standards Chart pg. 370

Double Wire Braid Hose

SAE100R2 - Premium Smooth Cover

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. MSHA 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
100R2-04	1/4	6.4	14.6	5800	23200	100	130	0.33
100R2-05	5/16	7.9	16.7	5080	20320	115	90	0.41
100R2-06	3/8	9.5	18.7	5000 (LR 4790)	20000	125	100	0.50
100R2-08	1/2	12.7	22.0	4257 (LR 3990)	17028	180	100	0.60
100R2-10	5/8	15.9	25.3	3630	14520	205	50	0.75
100R2-12	3/4	19.0	29.0	3120	12480	240	50	0.88
100R2-16	1	25.4	37.0	2500 (LR 2390)	10000	300	50	1.37
100R2-20	1 1/4	31.8	45.2	1840	7360	420	20	1.20
100R2-24	1 1/2	38.1	51.5	1320	5280	500	20/60	1.50
100R2-32	2	50.8	64.0	1170	4680	630	20	1.95

Specifications: Non skive, meets or exceeds SAE J517 100R2, EN853, ISO6805.

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.

Air Application: For air and inert gas applications above 100PSI the cover should be pin pricked.

Temperature Range: -40°C to +100°C

Couplings: K series- See pg. 57-83, D series with D2 shells- See pg. 83-89

Approvals: See Standards Chart pg. 370

LR= Lloyds Register approved pressure.

SAE100R2GP - General Purpose Wrapped Cover

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-04	1/4	6.4	15.0	5800	23200	100	100	0.35
100R2GP-06	3/8	9.5	18.7	4785	20000	127	100	0.50
100R2GP-08	1/2	12.7	22.2	3988	17028	178	100	0.62
100R2GP-10	5/8	15.9	25.3	3625	14400	203	100	0.72
100R2GP-12	3/4	18.9	29.6	3118	12470	240	70	0.92
100R2GP-16	1	25.4	37.1	2393	9570	300	70	1.30

Specifications: Non skive, EN853, 2SN & SAE J517 100R2.

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

Air Application: For air and inert gas applications above 100PSI the cover should be pin pricked.

Temperature Range: -40°C to +100°C

Couplings: K series- See pg. 57-83, D series with D2 shells- See pg. 83-89

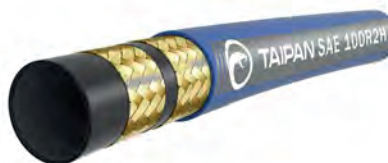
Approvals: See Standards Chart pg. 370

Double Wire Braid Hose

SAE100R2H - High Temperature

Construction:

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two braids of high tensile steel wire separated by synthetic rubber layer.*
- Outer Cover; *Oil, weather and 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-20	1 1/4	31.8	47.8	1800	7200	420	20	2.16
100R2H-24	1 1/2	38.1	54.2	1300	5200	500	20	2.48
100R2H-32	2	50.8	67.0	1150	4600	630	20	3.08

Specifications: Non skive, meets or exceeds SAE J517 100R2, 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.

Air Application: For air and inert gas 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: K series- See pg. 57-83.

Approvals: See Standards Chart pg. 370

SAE100R19 - High Pressure

Construction:

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two high tensile steel wire braids.*
- 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
100R19-10	5/8	15.9	23.8	4100	16400	100	60	0.65
100R19-12	3/4	19.0	27.8	4100	16400	120	60	0.80
100R19-16	1	25.4	37	4100	16400	150		1.25

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.

Air Application: For air and inert gas applications above 100PSI the cover should be pin pricked.

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

Couplings: K series- See pg. 57-83.

Approvals: See Standards Chart pg. 370

Compact Single Wire Braid Hose

SAE100R17 - Compact Smooth Cover

Construction:

- Inner Tube; *Polyester.*
- Reinforcement; *One braid of high tensile steel wire.*
- Outer Cover; *Synthetic rubber, weather and 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
100R17-04	1/4	6.4	12.4	3045	12180	45	100	0.22
100R17-06	3/8	9.6	16.2	3045	12180	50	100	0.40

Specifications: Meets SAE 100R17 performance.

Application: Recommended for medium pressure hydraulic applications, mobile and industrial equipment, forklifts. Suitable for hydraulic systems with petroleum and water based fluids.

Air Application: For air and inert gas applications above 100PSI the cover should be pin pricked.

Temperature Range: -20°C to +100°C

Couplings: K series- See pg. 57-83, **D series with D17 shells-** See pg. 83-89

Approvals: See Standards Chart pg. 370

Compact Double Wire Braid Hose

SAE100R16 & SAE100R16 Twin Line - Premium Smooth Cover

Construction:

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two high tensile steel wire braids.*
- Outer Cover; *Oil, weather and abrasion resistant synthetic rubber outer cover - Black. MSHA 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
100R16-04	1/4	6.4	13.2	5000	20000	50	100	0.22
100R16-06	3/8	9.5	17.3	4000	16000	63	100	0.30
100R16-08	1/2	12.7	20.8	3500	14000	90	100	0.39
100R16TW-06	3/8	10.0	17.1	5075	20300	70	100	0.836
100R16TW-08	1/2	12.7	20.5	4495	17980	80	-	1.042

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

Application: Hydraulic system serviced with petroleum and water base fluids.

Air Application: For air and inert gas applications above 100PSI the cover should be pin pricked.

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

Couplings: K series- See pg. 57-83

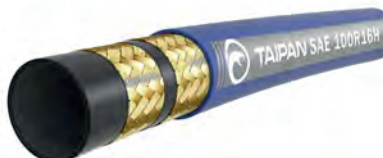
Approvals: See Standards Chart pg. 370

TW= Twin Line

SAE100R16H - High Temperature

Construction:

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two high tensile steel wire braids.*
- Outer Cover; *Oil, weather and 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
100R16H-04	1/4	6.4	13.4	5800	23200	50	RL	0.30
100R16H-06	3/8	9.5	17.3	4800	19200	65	RL	0.40
100R16H-08	1/2	12.7	20.5	4000	16000	90	RL	0.50
100R16H-10	5/8	15.9	24.2	3600	14400	100	RL	0.65
100R16H-12	3/4	19.0	27.8	3000	12000	120	RL	0.85
100R16H-16	1	25.4	34.7	2400	9600	150	RL	1.15

Specifications: Non skive, meets or exceeds SAE 100R16, 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.

Air Application: For air and inert gas 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: K series- See pg. 57-83

Approvals: See Standards Chart pg. 370

For Reel Length, RL = Random Length

Compact Double Wire Braid Hose

TX2 - Extreme Condition

Construction:

- Inner Tube; *Synthetic rubber resistant against hydraulic fluids HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC.*
- Reinforcement; *Two braids of high tensile steel wire.*
- Outer Cover; *Synthetic rubber. 10 times abrasion resistance, 700 hour ozone resistance, weather, salt water resistance. Flame retardant & MSHA approved. 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
TX2-04	1/4	6.6	13.4	6525	26100	45	215	0.27
TX2-06	3/8	9.9	16.8	5585	22340	65	140	0.38
TX2-08	1/2	13.0	20.5	5075	20300	90	100	0.52
TX2-10	5/8	16.4	23.7	4205	16820	100	160	0.61
TX2-12	3/4	19.5	27.7	4060	16240	120	130	0.79
TX2-16	1	26.0	35.6	2900	11600	150	85	1.15

Specifications: Non skive, meets and exceeds EN857, SAE J517 100R16 exceeds 100R19 (-04-12).

Application: Hydraulic systems serviced with petroleum and water base fluids. For use where a tighter bend radius is required and/or exposure to harsh conditions.

Air Application: For air and inert gas applications above 100PSI the cover should be pin pricked.

Temperature Range: -40°C to 100°C. Max 120°C intermittent.

Couplings: K series- See pg. 57-83

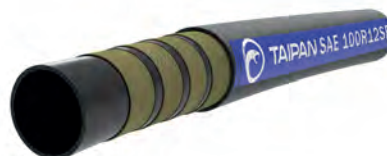
Approvals: See Standards Chart pg. 370

Four Wire Spiral Hose

SAE100R12SF - Premium Superflex Half Bend Radius 4000PSI

Construction:

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Four layers of high tensile steel spirals.*
- Outer Cover; *Synthetic rubber resistant to oils, MSHA cover with 720 hrs ozone resistance & 2 times abrasion resistance.*
- *Reduced bend radius.*



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-12	3/4	19.0	30.0	4100	16400	120	60	1.10
100R12SF-16	1	25.4	37.0	4100	16400	150	60	1.40
100R12SF-20	1 1/4	31.8	44.6	4100	16400	210	60	2.50
100R12SF-24	1 1/2	38.1	51.6	4100	16400	290	45	3.10

Specifications: Non skive, flame resistant cover.

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 133% of working pressure. 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).

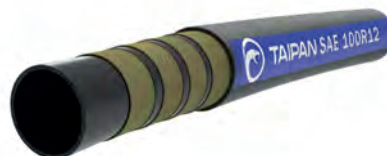
Couplings: L series- See pg. 113-132

Approvals: See Standards Chart pg. 370

SAE100R12 - Premium Standard

Construction:

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Four layers of high tensile steel spirals.*
- Outer Cover; *Synthetic rubber resistant to oils, weather and abrasion - Black. MSHA 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
100R12-24	1 1/2	38.1	53.3	4200	16800	560	45	3.30
100R12-32	2	51.1	67.3	3625	14500	700	60	4.94

Specifications: Non skive, flame resistant cover.

Application: 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- See pg. 113-132

Approvals: See Standards Chart pg. 370

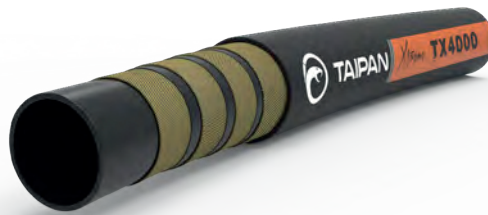
Refer to 100R12SF for additional sizes.

Four Wire Spiral Hose

TX4000 - Extreme Condition

Construction:

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Four layers of high tensile steel spirals.*
- Outer Cover; *Synthetic rubber resistant to oils, weather and abrasion resistant - Black.*
MSHA cover. 10 times abrasion resistance with improved resistance to ozone & UV.
- *1/2 Bend Radius Hose*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
TX4000-06	3/8	9.5	19.7	4100	16400	65	60	0.60
TX4000-08	1/2	12.7	22.7	4100	16400	90	60	0.80
TX4000-12	3/4	19.0	30.0	4100	16400	120	60	1.10
TX4000-16	1	25.4	37.0	4100	16400	150	60	1.40

Specifications: Non skive, flame resistant cover. SAE J517.

Application: 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 working pressure. Suitable for the passage of mineral and vegetable oils, water based solutions, water, air and inert gases. For use in harsh conditions.

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

Couplings: L series- See pg. 113-132

Approvals: See Standards Chart pg. 370

Four & Six Wire Spiral Hose

SAE100R13 - 5000PSI

Construction:

- Inner Tube; Oil resistant synthetic rubber.
- Reinforcement; Four* plies of spirally wrapped high tensile wire.
- Outer Cover; Synthetic rubber resistant to oils, weather and abrasion resistant - Black. MSHA 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
100R13-12	3/4	19.0	31.3	5000	20000	280	20	1.50
100R13-16	1	25.4	38.5	5000	20000	340	20	2.20

Specifications: Non skive, meets SAE J517 100R13, EN856 R13.

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

Temperature Range: -40°C to + 121°C

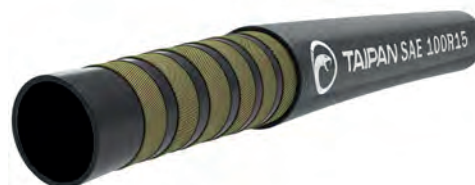
Couplings: N series- See pg. 133-150

Approvals: See Standards Chart pg. 370

SAE100R15 - Premium 6000PSI

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. MSHA 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
100R15-06	3/8	9.5	20.0	6100	24400	65	60	0.65
100R15-08	1/2	12.7	23.0	6100	24400	90	60	0.85
100R15-10	5/8	16.0	26.6	6100	24400	100	60	1.00
100R15-12	3/4	19.0	30.6	6100	24400	120	60	1.50
100R15-16	1	25.4	37.8	6100	24400	150	60	2.00
100R15-20	1 1/4	31.8	49.3	6100	24400	300	60	3.55
100R15-24	1 1/2	38.1	57.0	6100	24400	350	60	4.65
100R15-32*	2	51.0	70.5	6000	24000	650	60	6.5

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 SAE J517, EN856 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: L Series -06,-08 - See pg. 113-132

N Series -10 to -32 -See pg. 133-150

Approvals: See Standards Chart pg. 370

Note:

*Four spirals -06 to -16

**Six spirals -20 to -32

Four & Six Wire Spiral Hose

TX6000 - Extreme Condition

Construction:

- Inner Tube; Synthetic rubber resistant against hydraulic fluids HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC & biodegradable hydraulic fluid.
- Reinforcement; Four (4S) or six (6S) high tensile steel wire.
- Outer Cover; Synthetic rubber. 10 times abrasion resistance, 700 hour ozone resistance, weather, salt water resistance. Flame retardant & MSHA approved. 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
TX6000-06	3/8	9.9	20.2	6090	24360	65	100	0.67
TX6000-08	1/2	13	22.9	6090	24360	90	100	0.78
TX6000-10	5/8	16.4	26.5	6090	24360	100	100	1.05
TX6000-12	3/4	19.5	30.5	6090	24360	120	100	1.46
TX6000-16	1	25.9	37.5	6090	24360	150	100	1.94
TX6000-20	1 1/4	32.5	47.3	6090	24360	400	40	3.77

Specifications: Non skive, meets ISO 18752-CC exceeds SAE 100R15.

Application: Very high pressure hose, high performance with reduced bend radius. Higher flexibility compared with conventional spiral hoses. Suitable for the passage of mineral and vegetable oils, water based solutions, water, air and inert gases. For use in harsh conditions.

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

Couplings: N series- See pg. 133-150, L series- See pg. 113-132

Approvals: See Standards Chart pg. 370

Note:

*Four spirals -06 to -20

**Six spirals -24 to -32

Textile Braid Hose

SAE100R6 - Premium Smooth Cover

Construction:

- Inner Tube; Oil resistant synthetic rubber tube.
- Reinforcement; Two textile braids.
- 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
100R6-03	3/16	4.8	12.1	580	2320	64	100	0.16
100R6-04	1/4	6.4	13.5	580	2320	65	100	0.17
100R6-05	5/16	7.9	15.9	580	2320	75	100	0.19
100R6-06	3/8	9.5	17.1	580	2320	75	100	0.22
100R6-08	1/2	12.7	20.0	510	2040	100	100	0.30
100R6-10	5/8	15.9	23.5	510	2040	125	50	0.32
100R6-12	3/4	19.0	27.8	510	2040	150	50	0.44
100R6-16	1	25.4	35.2	510	2040	170	50	0.58

Specifications: Exceeds SAE J517 100R6 performance.

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

Air Application: For air and inert gas applications above 100PSI the cover should be pin pricked.

Temperature Range: -40°C to +100°C

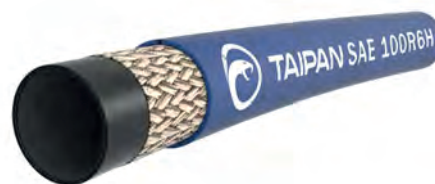
Couplings: H series- See pg. 101-104

Approvals: See Standards Chart pg. 370

SAE100R6H - High Temperature

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.



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-04	1/4	6.4	12.6	400	1600	65	100	0.08
100R6H-05	5/16	7.9	14.2	400	1600	75	100	0.10
100R6H-06	3/8	9.5	15.8	400	1600	75	100	0.13
100R6H-08	1/2	12.7	19.8	400	1600	100	100	0.15
100R6H-10	5/8	15.9	23.1	350	1400	125	50	0.17
100R6H-12	3/4	19.0	26.5	300	1200	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 +150°C

Air Application: For air applications temperature should not exceed 121°C

Couplings: H series- See pg 101-104.

Approvals: See Standards Chart pg. 370

Thermoplastic Hose

SAE100R7 & SAE100R7TW

Construction:

- Inner Tube; *Polyester elastomer.*
- Reinforcement; *One or two braids of synthetic fibre.*
- Outer Cover; *Polyurethane, pin pricked - 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
100R7-02	1/8	4.0	8.3	3000	12000	25	100	0.045
100R7-03	3/16	5.0	9.6	3000	12000	25	100	0.06
100R7-04	1/4	6.5	12.2	3000	12000	35	100	0.10
100R7-06	3/8	9.7	16.0	2300	9200	55	100	0.15
100R7-08	1/2	13.0	20.3	2000	8000	75	100	0.22
100R7TW-04	1/4	6.5	12.2	3000	12000	35	100	0.20
100R7TW-06	3/8	9.7	16.0	2300	9200	55	100	0.29
100R7TW-08	1/2	13	20.3	2000	8000	75	100	0.44

Specifications: Meets or exceeds SAE 100R7, EN855, ISO3949.

Application: 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 earthmoving, 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. Not to exceed +70°C for air and water based fluids.

Couplings: J series- See pg. 105-112

Approvals: See Standards Chart pg. 370

TW= Twin Line

Thermoplastic Hose

SAE100R7 & SAE100R7TW - Non Conductive

Construction:

- Inner Tube; *Polyester elastomer.*
- Reinforcement; *One braid of synthetic fibre.*
- Outer Cover; *Polyurethane, **NOT** pin pricked - 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-03	3/16	5.0	9.6	3000	12000	25	100	0.06
100R7NC-04	1/4	6.5	12.2	3000	12000	35	100	0.10
100R7NC-05	5/16	8.1	14.3	2700	10800	45	100	0.13
100R7NC-06	3/8	9.7	16.0	2300	9200	55	100	0.15
100R7NC-08	1/2	13.0	20.3	2000	8000	75	100	0.22
100R7NCTW-06	3/8	9.7	16.0	2300	9200	55	100	0.29

Specifications: Meets or exceeds SAE 100R7, EN855, ISO3949.

Application: Medium pressure hose suitable for petroleum or synthetic based hydraulic fluids used in hydraulic applications requiring electrical high insulation or non-conductivity in high tension environments e.g. near power lines.

Air Application: For air and inert gas applications above 100PSI the cover should be pin pricked.

Vacuum Rating: 0.93Bar, 700MM Hg (-13.5PSI: 27.5 inch Hg).

Temperature Range: -40°C to +100°C. Not to exceed +70°C for air and water based fluids.

Couplings: J series- See pg. 105-112

Approvals: See Standards Chart pg. 370

TW= Twin Line

Thermoplastic Hose

SAE100R8 & SAE100R8TW

Construction:

- Inner Tube; *Polyester elastomer.*
- Reinforcement; *One or two braids of aramid fibre.*
- Outer Cover; *Polyurethane, pin pricked - 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
100R8-02	1/8	4.0	8.0	6000	24000	25	100	0.034
100R8-03	3/16	5.0	8.9	5000	20000	30	100	0.05
100R8-04	1/4	6.5	11.5	5000	20000	50	100	0.09
100R8-06	3/8	9.7	15.5	4000	16000	60	100	0.14
100R8-08	1/2	13.0	19.9	3500	14000	80	100	0.20
100R8-12	3/4	19.5	26.9	2300	9200	150	100	0.32
100R8-16	1	25.9	34.2	2000	8000	200	44	0.44
100R8TW-04	1/4	6.5	11.5	5000	20000	50	100	0.17
100R8TW-06	3/8	9.7	15.5	4000	16000	60	100	0.27
100R8TW-08	1/2	13.0	19.9	3500	14000	80	100	0.40

Specifications: Meets or exceeds SAE 100R8, EN855, ISO3949. Hoses also meets standards SAE J517, J343.

Application: 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. Not to exceed +70°C for air and water based fluids.

Couplings: J series- See pg. 105-1112

Approvals: See Standards Chart pg. 370

TW= Twin Line

Thermoplastic Hose

SAE100R8 & SAE100R8TW - Non Conductive

Construction:

- Inner Tube; *Polyester elastomer.*
- Reinforcement; *One or two braids of aramid fibre.*
- Outer Cover; *Polyurethane, **NOT** pin pricked - 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-04	1/4	6.5	11.5	5000	20000	50	100	0.09
100R8NC-06	3/8	9.7	15.5	4000	16000	60	100	0.14
100R8NC-08	1/2	13.0	19.9	3500	14000	80	100	0.20
100R8NCTW-04	1/4	6.5	11.5	5000	20000	50	100	0.17
100R8NCTW-06	3/8	9.7	15.5	4000	16000	60	100	0.135
100R8NCTW-08	1/2	13	19.9	3500	14000	80	100	0.20

Specifications: Meets or exceeds SAE 100R8, EN855, ISO3949. Hose also meets standards SAE J517, 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.

Application: 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.

Air Application: For air and inert gas applications above 100PSI the cover should be pin pricked.

Vacuum Rating: 0.93Bar, 700MM Hg (-13.5PSI; 275 inch Hg).

Temperature Rating: -40°C to +100°C. Not to exceed +70°C for air and water based fluids.

Couplings: J series- See pg. 105-112

Approvals: See Standards Chart pg. 370

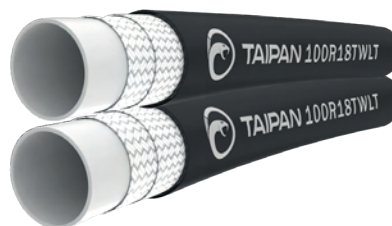
TW= Twin Line

Thermoplastic Hose

SAE100R18TWLT - Low Temperature

Construction:

- Inner Tube; *Polyester elastomer.*
- Reinforcement; *One or two braids of synthetic fibres.*
- Outer Cover; *Special polyester, black, pin pricked.*



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-04	1/4	6.5	12.20	3000	12000	35	100	0.19

Specifications: SAE 100R18 / ISO3949-R18.

Meets or exceeds SAE 100R18 specification. Medium pressure hose suitable for petroleum or synthetic based hydraulic fluids in hydraulic systems of forklifts. Optimum bonding characteristics and special cover also make it the ideal hose for equipment operating in cold environments while maintaining a high level of flexibility.

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 fluid.

Couplings: J series- See pg. 105-1112

Approvals: See Standards Chart pg. 370

Accessory Hose | Engine Oil Hose

100R1EO - Single Braid Engine Oil

Construction:

- Inner Tube; *Nitrile rubber. High heat resistance.*
- Reinforcement; *One braid of high tensile steel wire.*
- Outer Cover; *Oil, weather and abrasion resistant synthetic rubber - Black. MSHA 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
100R1EO-08	1/2	12.7	20.3	2320	9280	180	100	0.39

Specifications: Non skive, meets or exceeds SAE J517 100R1, EN853.

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. Suitable for use with used engine oil.

Air Application: For air and inert gas applications above 100PSI the cover should be pin pricked.

Temperature Range: -40°C to +121°C

Couplings: K series- See pg. 57-83, **D series with D1 shells** - See pg. 83-89

Approvals: See Standards Chart pg. 370

Accessory Hose | Fire Suppression Hose

SAE100R17RFS - Fire Suppression

Construction:

- Inner Tube; *Polyester.*
- Reinforcement; *One braid of high tensile steel wire.*
- Outer Cover; *Synthetic rubber, weather and abrasion resistant - Red. MSHA 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
100R17RFS-04	1/4	6.4	12.4	3045	12180	45	100	0.22

Specifications: Meets SAE 100R17 performance.

Application: Designed specifically for use in fire suppression systems. Recommended for medium pressure hydraulic applications, mobile and industrial equipment, forklifts. Suitable for hydraulic systems with petroleum and water based fluids.

Air Application: For air and inert gas applications above 100PSI the cover should be pin pricked.

Temperature Range: -20°C to +100°C

Couplings: K series- See pg. 57-83, **D series with D17 shells-** See pg. 83-89

Approvals: See Standards Chart pg. 370

Accessory Hose | Fire Suppression Hose

SAE100R6RFS - Fire Suppression

Construction:

- Inner Tube; Oil resistant synthetic rubber tube.
- Reinforcement; Two textile spirals.
- Outer Cover; Synthetic oil and fire resistant rubber - Red MSHA 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
100R6RFS-04	1/4	6.4	13.5	580	2820	64	100	0.16
100R6RFS-06	3/8	9.5	17.1	580	2320	75	100	0.22
100R6RFS-08	1/2	12.7	16.6	510	2040	100	100	0.30
100R6RFS-12	3/4	19.0	27.8	510	2040	150	50	0.44

Specifications: Exceeds SAE J517 100R6.

Application: Designed specifically for use in fire suppression systems. Medium pressure service with petroleum base hydraulic fluids, water-glycol and water-oil fire resistant hydraulic fluids.

Air Application: For air and inert gas applications above 100PSI the cover should be pin pricked.

Temperature Range: -40°C to +100°C

Couplings: H series- See pg. 101-104

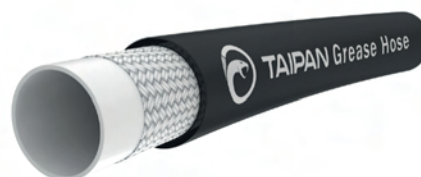
Approvals: See Standards Chart pg. 370

Accessory Hose | Grease Hose

GH8.3 - Premium Grease Line

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	5800	14500	25	100	0.046

Specifications: Meets requirements of DIN 1283.

Applications: Manual and 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.

* Not suitable for impulse applications

Temperature Range: -40°C to 60°C

Couplings: GH series - See pg. 154-158, J series - See pg. 105-1112

Approvals: See Standards Chart pg. 370

Accessory Hose | Jacking Hose

SAE100R2J - 10,000PSI Jacking

Construction:

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two braids of 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
100R2J-04	1/4	6.4	13.3	10000	20000	50	RL	0.34
100R2J-06	3/8	9.5	17.3	10000	20000	65	RL	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: -40°C to 100°C (125°C intermittent).

Couplings: K series- See pg. 57-83

Approvals: See Standards Chart pg. 370

Notes: Bend Restrictors: 1/4" - VBR-0150, 3/8" - VBR-0190 other sizes also available

For Reel Length, RL = Random Length

Accessory Hose | Paint Spray Hose

PSH1 - Single Braid Paint Spray

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	6.4	12.3	6120	18360	80	RL	0.17

Application: For paint spray equipment and hydraulic fluids service.

Temperature Range: -20°C to 80°C

Couplings: A series - Contact Taipan for details.

Approvals: See Standards Chart pg. 370

For Reel Length, RL = Random Length

Accessory Hose | Power Steering Hose

SAEJ188 - Power Steering Hose

Construction:

- Inner Tube; *Special synthetic rubber resistant to hydraulic oil.*
- Reinforcement; *Two high tensile synthetic textile braids.*
- Outer Cover; *Oil, abrasion, ozone and weather resistant synthetic rubber.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
SAE J188-06	3/8	9.8	20	1500	6000	70	RL	0.315

Specifications: Non skive, meets SAE J188.

Application: Designed specifically for medium pressure service with hydraulic oil for power steering hoses.

Temperature Range: -40°C to +120°C (+135°C discontinuous)

Couplings: K Series- See Pg. 57-83

Approvals: See Standards Chart pg. 370

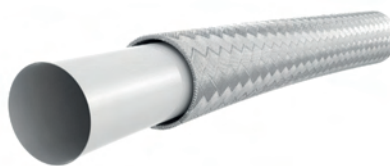
For Reel Length, RL = Random Length

Accessory Hose | Stainless PTFE

SAE100R14 - PTFE Smooth Bore

Construction:

- Inner Tube; *Polytetrafluoroethylene (PTFE)*
- 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
100R14-02	1/8	3.0	6.2	3260	13040	40	100	0.07
100R14-03	3/16	4.8	7.6	2750	11000	50	100	0.08
100R14-04	1/4	6.4	8.8	2610	10440	75	100	0.10
100R14-05	5/16	8.0	11.0	2540	10160	100	100	0.13
100R14-06	3/8	9.5	12.1	2390	9560	125	100	0.17
100R14-08	1/2	12.7	16.2	1740	6960	165	100	0.22
100R14-10	5/8	16.0	18.8	1270	5080	200	50	0.28
100R14-12	3/4	19.0	23.1	1010	4040	230	50	0.33
100R14-16	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: C series- See pg. 151-152

Approvals: See Standards Chart pg. 370

SAE100R14 - PTFE Convuluted

Construction:

- Inner Tube; *Helically convoluted sintered polytetrafluoroethylene (PTFE)*
- 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 and 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: A series - Contact Taipan for details.

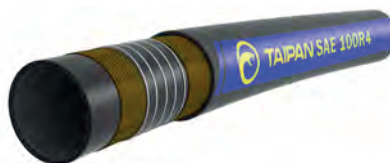
Approvals: See Standards Chart pg. 370

Accessory Hose | Suction Hose

SAE100R4 - Premium Suction

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
100R4-12	3/4	19.0	30.0	305	SC29-31W2	125	20	0.70
100R4-16	1	25.0	38.0	247	SC37-40W2	150	20	0.95
100R4-20	1 1/4	32.0	45.0	203	SC43-47W2	200	40	1.00
100R4-24	1 1/2	38.0	52.0	152	SC51-55W2	225	40	1.10
100R4-32	2	51.0	65.0	102	SC63-68W2	300	20	2.00
100R4-40	2 1/2	64.0	78.0	58	SC73-79W2	355	20	2.49
100R4-48	3	76.0	90.0	58	SC85-91W2	460	20	3.26

Specifications: Exceeds SAE J517 100R4.

Application: Oil suction and discharge hose 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.- See pg. 91-95

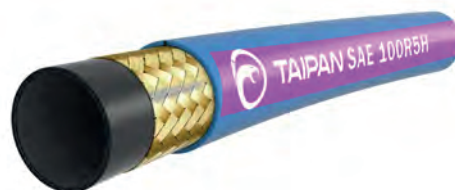
Approvals: See Standards Chart pg. 370

Accessory Hose | Truck Hose

SAE100R5H - High Temperature

Construction:

- Inner Tube; *Black synthetic rubber resistant to oils.*
- Reinforcement; *One textile braid and one high tensile steel wire braid.*
- Outer Cover; *Oil resistant 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
100R5H-04	3/16	4.8	13.2	3000	12000	76	RL	0.24
100R5H-05	1/4	6.4	14.5	3000	12000	85	RL	0.26
100R5H-06	5/16	7.9	17.1	2250	9000	100	RL	0.32
100R5H-08	13/32	10.3	19.4	2000	8000	115	RL	0.36
100R5H-10	1/2	12.7	23.4	1750	7000	140	RL	0.51
100R5H-12	5/8	15.9	27.4	1500	6000	165	RL	0.63
100R5H-16	7/8	22.2	31.3	800	3200	185	RL	0.63
100R5H-20	1 1/8	28.6	38.1	625	2500	230	RL	0.75
100R5H-24	1 3/8	34.9	44.4	500	2000	265	RL	0.82
100R5H-32	1 13/16	46.0	56.2	350	1400	335	RL	1.14

Specifications: Non skive, meets or exceeds SAE 100R5 performance.

Application: High temperature medium pressure hydraulic petroleum-based oil lines in impulse applications. Meets or exceeds SAE suitable for the passage of mineral and vegetable oils, water-based solutions, water, air and inert gases. Compatible with diesel and unleaded fuels.

Temperature Range: -40°C to +150°C except for air, not higher than 121°C.

Couplings: **DF Series**- See pg. 96-98, **K Series** (refer to crimp chart) See pg. 57-83, **F series** (refer to crimp chart) See pg. 99-100

Approvals: See Standards Chart pg. 370

For Reel Length, RL = Random Length

Accessory Hose | Waterblast Hose

100R1PWH & 100R2PWH - Pressure Clean

Construction:

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *One or two high tensile steel wire braids.*
- Outer Cover; *Abrasion, weather, Ozone and detergent resistant synthetic rubber - *Blue or 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
100R1PWH-04 (BL)	1/4	6.6	11.8	3625	12000	35	RL	0.18
100R1PWH-06 (G)	3/8	9.9	14.7	4000	12000	75	RL	0.26
100R2PWH-06 (BL)	3/8	9.9	16.3	5800	19140	125	RL	0.28

Specifications: Complies with EN ISO7751, EN1829-2.

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

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

Couplings: K series - See pg. 57-83

Approvals: See Standards Chart pg. 370

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

For Reel Length, RL = Random Length





MATCHED-TESTING MATTERS

Taipan has the ability to ensure our matched hose systems meet or exceed industry manufacturing standards.

HOW DO WE DO THIS?

Taipan's R&D department is continuously testing our hose systems in house with a Bimal BI701K Impulse tester and a Bimal BPS40D Burst tester.

Impulse testing allows Taipan to establish and qualify a matched system. We impulse and burst test our hose assemblies with an above normal set of conditions to ensure we are selling a product we are confident will meet the demands of harsh Australian conditions and the expectations of our customers.

Taipan hose meets or exceeds Australian and International Standards ISO6805, ISO18752, SAEJ517, EN85a3, EN856 and EN857.

Reputable third parties - such as Lloyd's, Mine Safety & Health Administration and Mines Australia - also certify our hose independently (copies of third party certifications are available on request).

For more information on our match-tested range call 1300 654 782 or email sales@taipan.com.au



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11-13 Lear Jet Drive
Caboolture, QLD 4510
Ph: 07 5428 1211
Fax: 07 5428 1311

ROCKLEA

41 Shettleston Street
Rocklea, QLD 4106
Ph: 07 3274 3433
Fax: 07 3274 3477

ADELAIDE

Warehouse 1
Lot 552 Wilkins Road
Wingfield, SA 5013
Ph: 08 8448 3969

MELBOURNE

23 Endeavour Way
Sunshine West, Vic 3020
Ph: 03 9109 2109
Fax: 03 8317 9049

PERTH

3 Mordaunt Cct
Canning Vale, WA 6155
Ph: 08 9456 5448
Fax: 08 9256 1242

CONTACT US 1300 654 782

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