

GS

HYDRAULIC PTE LTD

Specialize in Hydraulic hose crimping and supplying hydraulic accessories



INDUSTRIAL HOSE



HYDRAULIC HOSE & ACCESSORIES



FLEXIBLE CONNECTORS

Our Company

Service and Quality are our top priority. GS Hydraulic Pte Ltd aims to provide our customers with the best of products at reasonable prices. Also, we believe in providing after-sales technical support service for our customers.

Our team of highly qualified engineers are here to provide professional services that are consistent, reliable, personal and responsive to your needs.

We provide services such as hydraulic hose crimping and supplying hydraulic accessories.

Commitment to Customer Support

Our commitment to customer care means that we are committed to provide service, quality and after-sales technical support service for our customers. Our success means strong focus on customers and product base to ensure customer's satisfaction and support.



WAREHOUSE

Core Business Area

- Automotive
- Mobile Equipment
- Oil and Gas Equipment
- Petrochemical
- Marine
- Ship Building
- Semiconductor / chip manufacturing
- Food and Pharmaceutical
- General Industry



HYDRAULICS FLANGES



HOSE CUTTING MACHINE



CRIMPING MACHINE



SKIVING MACHINE


Hydraulic Hose


<u>1-Wire Braid SAE 100R1 Type AT</u>									
ID		OD		Working Pressure		Min.Burst Pressure		Min.Bend Radius	
Inch	Mm	Inch	Mm	Bar	Psi	Bar	Psi	Inch	Mm
3/16"	4.80	0.47	11.94	249.93	3,625	999.74	14,500	3.00	76.20
1/4"	6.40	0.53	13.46	225.80	3,275	903.21	13,100	4.00	101.60
5/16"	7.90	0.59	14.99	215.46	3,125	861.84	12,500	4.50	114.30
3/8"	9.50	0.69	17.53	179.26	2,600	717.05	10,400	5.00	127.00
1/2"	12.70	0.82	20.83	160.30	2,325	641.21	9,300	7.00	177.80
5/8"	15.90	0.94	23.88	131.00	1,900	524.00	7,600	8.00	203.20
3/4"	19.00	1.10	27.94	105.15	1,525	420.58	6,100	9.00	228.60
1"	25.40	1.41	35.81	87.91	1,275	351.63	5,100	12.00	304.80
1-1/4"	31.80	1.71	43.43	63.78	925	255.11	3,700	16.00	406.40
1-1/2"	38.10	1.96	49.78	49.99	725	199.95	2,900	20.00	508.00
2"	50.80	2.52	64.01	41.37	600	186.16	2,700	25.00	635.00


<u>2-Wire Braid SAE 100R2 Type AT</u>									
ID		OD		Working Pressure		Min.Burst Pressure		Min.Bend Radius	
Inch	Mm	Inch	Mm	Bar	Psi	Bar	Psi	Inch	Mm
3/16"	4.80	0.52	13.21	413.69	6,000	1654.74	24,000	3.50	88.90
1/4"	6.40	0.58	14.73	399.90	5,800	1599.58	23,200	4.00	101.60
3/8"	9.50	0.73	18.54	330.95	4,800	1323.79	19,200	5.00	127.00
1/2"	12.70	0.86	21.84	275.79	4,000	1103.16	16,000	7.00	177.80
5/8"	15.90	0.98	24.89	249.93	3,625	999.74	14,500	8.00	203.20
3/4"	19.00	1.14	28.96	213.74	3,100	854.95	12,400	9.50	241.30
1"	25.40	1.48	37.59	165.47	2,400	661.90	9,600	12.00	304.80
1-1/4"	31.80	1.87	47.50	125.83	1,825	503.32	7,300	16.50	419.10
1-1/2"	38.10	2.15	54.61	89.63	1,300	344.74	5,000	20.00	508.00
2"	50.80	2.65	67.31	81.01	1,175	310.26	4,500	25.00	635.00


<u>PTFE Hose SAE 100R14 Type A/B</u>									
ID		OD		Working Pressure		Min.Burst Pressure		Min.Bend Radius	
Inch	Mm	Inch	Mm	Bar	Psi	Bar	Psi	Inch	Mm
3/16"	4.76	0.31	7.87	103.42	1,500	689.48	10,000	2.00	50.80
1/4"	6.35	0.38	9.65	103.42	1,500	620.53	9,000	3.00	76.20
5/16"	7.94	0.45	11.43	103.42	1,500	551.58	8,000	4.00	101.60
13/32"	10.32	0.55	13.97	68.95	1,000	413.69	6,000	5.25	133.35
1/2"	12.70	0.65	16.51	55.16	800	413.69	6,000	6.50	165.10
5/8"	15.88	0.79	20.07	55.16	800	344.74	5,000	7.75	196.85
7/8"	22.23	1.03	26.16	55.16	800	241.32	3,500	9.00	228.60
5/16"	7.94	0.45	11.43	103.42	1,500	551.58	8,000	4.00	101.60
13/32"	10.32	0.55	13.97	68.95	1,000	413.69	6,000	5.25	133.35

Hydraulic Hose

<u>Spiral Wire Hose SAE 100R12</u>									
ID		OD		Working Pressure		Min.Burst Pressure		Min.Bend Radius	
Inch	Mm	Inch	Mm	Bar	Psi	Bar	Psi	Inch	Mm
3/8"	9.50	0.80	20.32	275.79	5,000	1378.95	20,000	5.00	127.00
1/2"	12.70	0.94	23.88	275.79	5,000	1378.95	20,000	7.00	177.80
5/8"	15.90	1.09	27.69	275.79	5,000	1378.95	20,000	8.00	203.20
3/4"	19.00	1.21	30.73	275.79	5,000	1378.95	20,000	9.50	241.30
1"	25.40	1.50	38.10	275.79	5,000	1378.95	20,000	12.00	304.80
1-1/4"	31.80	1.85	46.99	275.79	5,000	1378.95	20,000	16.50	419.10

<u>Spiral Wire Hose SAE 100R13</u>									
ID		OD		Working Pressure		Min.Burst Pressure		Min.Bend Radius	
Inch	Mm	Inch	Mm	Bar	Psi	Bar	Psi	Inch	Mm
3/8"	9.50	0.80	20.32	344.74	5,000	1378.95	20,000	5.00	127.00
1/2"	12.70	0.94	23.88	344.74	5,000	1378.95	20,000	7.00	177.80
5/8"	15.90	1.11	28.19	344.74	5,000	1378.95	20,000	8.00	203.20
3/4"	19.00	1.24	31.50	344.74	5,000	1378.95	20,000	9.50	241.30
1"	25.40	1.53	38.86	344.74	5,000	1378.95	20,000	12.00	304.80
1-1/4"	31.80	1.97	50.04	344.74	5,000	1378.95	20,000	16.50	419.10
1-1/2"	38.10	2.26	57.40	344.74	5,000	1378.95	20,000	20.00	508.00
2"	50.80	2.80	71.12	344.74	5,000	1378.95	20,000	25.00	635.00

<u>Spiral Wire Hose SAE 100R15</u>									
ID		OD		Working Pressure		Min.Burst Pressure		Min.Bend Radius	
Inch	Mm	Inch	Mm	Bar	Psi	Bar	Psi	Inch	Mm
3/8"	9.50	0.80	20.32	413.69	6,000	1654.74	24,000	5.00	127.00
1/2"	12.70	0.95	24.13	413.69	6,000	1654.74	24,000	7.00	177.80
5/8"	15.90	1.09	27.69	413.69	6,000	1654.74	24,000	8.00	203.20
3/4"	19.00	1.24	31.50	413.69	6,000	1654.74	24,000	9.50	241.30
1"	25.40	1.53	38.86	413.69	6,000	1654.74	24,000	12.00	304.80
1-1/4"	31.80	1.97	50.04	413.69	6,000	1654.74	24,000	16.50	419.10
1-1/2"	38.10	2.26	57.40	413.69	6,000	165.74	24,000	20.00	508.00

<u>2-Wire Braid Hose SAE 100R16</u>									
ID		OD		Working Pressure		Min.Burst Pressure		Min.Bend Radius	
Inch	Mm	Inch	Mm	Bar	Psi	Bar	Psi	Inch	Mm
1/4"	6.40	0.54	13.70	344.74	5,000	1378.95	20,000	2.00	50.80
3/8"	9.50	0.69	17.50	275.79	4,000	1103.16	16,000	2.50	63.50
1/2"	12.70	0.81	20.60	241.32	3,500	965.27	14,000	3.50	88.90
5/8"	15.90	0.95	24.10	206.84	3,000	827.37	12,000	4.00	101.60
3/4"	19.00	1.10	27.90	155.13	2,250	620.53	9,000	4.80	121.92
1"	25.40	1.38	35.10	137.90	2,000	551.58	8,000	6.00	152.40

Carbon Steel and Stainless Steel Adapter



- NPT x JIC ELBOW
- NPT x JIC
- JIC UNION ELBOW
- JIC UNION BULKHEAD
- JIC UNION TEE
- JIC UNION CROSS
- JIC SW ELBOW
- JIC SW BR TEE
- JIC SW RUN TEE
- JIC SW x NPT
- JIC x NPT BR TEE
- JIC REDUCER
- BSP x JIC ELBOW
- SAE x JIC

Carbon Steel Single Ferrule Tube Fitting



- STRAIGHT UNION
- ELBOW UNION
- TEE UNION
- SWIVEL ELBOW
- SWIVEL RUN TEE
- MALE STUD
- FEMALE CONNECTION
- WELDING BULKHEAD
- BSPP REDUCER
- S KOR REDUCER

Stainless Steel Tube Fitting



- Ferrule Set
- Nut
- Female Connection
- JIC Male Connection
- Reducer
- Male Elbow Connection
- Male Connection
- Union Straight
- Union Bulkhead
- Union Reducing
- Union Elbow
- Union Tee
- Male Connector
- Male Elbow
- Swivel Elbow
- Swivel Branch Tee

Oil & Shaft Seals



- Prevent or minimise the leakage of oil or other media between a moving shaft and a stationary component.
- Different style provides a different sealing efficiency.

Brass Compression Fittings



- Easy to assemble.
- Excellent sealing qualities.
- Suitable with various types of tubing.
- Pressure (up to 14 bar, 36 bar max).
- Temperature (-75°C to +120°C).

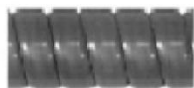
Protective Coils and Sleeves

Steel Protective Coil Spring



- High temperature & abrasion, water, oils, fuel, hydraulics fluids resistant.
- Build in polyamide 6 black.
- Max Operating temp: 12°C.

Plastic Protective Coil Sleeve



- Protect hose cover/reinforcement from abrasion and accidental damage.
- Rust resistant.

High Pressure Valves



- Pressure range up to 500bar.
- Working temperature depending on sealing; (-20°C - +250°C)
- Material in carbon steel & stainless steel.

Quick Release Coupling



- Reliable.
- Quick & automatic
- Efficient
- Safe
- Leak tight

High Pressure Quick Couplings



- Flush face, non spill.
- Complete range.
- Easy to operate.
- Easy to handle.
- Self-guided connection.
- Reliable ball locking mechanism.
- High performance.
- Type available; Series 115, 116, 125, 218, 230.

PVC Tube & Pipe Clamp



Tube Clamp

- Designed for high mechanical requirements
- Size from 6mm to 220mm

Type of clamp bodies

- Polypropylene, -30°C up to +90°C (dark green colour).
- Polyamide 6, -40°C up to +120°C (black colour).
- Solid rubber, -50°C up to +120°C (dark green colour).
- Aluminium, up to 320°C.

Pressure Gauge



- Reliable
- Safe
- Accurate
- Resists vibration
- Long-lasting

Hydraulics Carbon and Stainless Steel Tubing



- Long lasting.
- Precision tube for hydraulic oil lines and mechanical tubing.
- Seamless carbon steel tubes for high pressure, high temperature and heat transfer process equipments like boilers, super heaters, heat exchangers, condensers etc.

Hydraulics Flanges 3000 psi and 6000 psi



- Easy to install.
- Prevent delay during assembly.
- Corrosion resistant.
- Efficient with bolt-hole alignment.
- Reliable based on proven design principles.
- Material in carbon steel & stainless steel.

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