



PETROLEUM DRILLING HOSE

Rotary Drilling & Vibrator Hose
UPE Low Pressure Multipurpose Hose
Frac Hose, Cementing Hose
Petroleum Wellhead Hose
Firewater Deluge Hose, Crude Oil Hose
Choke & Kill Line



ROTARY DRILLING AND VIBRATOR HOSE

API Spec. 7K FSL 2 | ABS

Application:

This hose will provide flexible connection between the upper end of the standpipe and the top drive/swivel and between the pump and the lower end of the standpipe for pumping mud and at high pressure in oil drilling, cementing, and well workover operations.

Inner Tube:

Synthetic rubber/HNBR/UPE/PTFE

Reinforcement:

Multi-spiraled high tensile super flexible rubber

Outer Layer:

Abrasion and weather resistant synthetic rubber

Connector:

Integral union, integral flange, or other connector types

Temperature Range:

-4°F~/+250°F (-20°C~ /+121°C)

Marking:





Full bore can be customized base on the requirements

PRESSURE PSI	I.D. INCH	O.D. INCH	W.P. PSI	P.P. PSI	MIN. B.P. PSI	MIN. B.R. INCH	W.T. LBS/FT
1500 GRADE A	2	2.68	1500	2250	3750	31.50	2.91
	2 ½	3.31	1500	2250	3750	31.50	3.78
2000 GRADE B	2	2.68	2000	3000	5000	31.50	2.91
	2 ½	3.31	2000	3000	5000	31.50	3.78
	3	3.82	2000	3000	5000	37.40	4.39
	3 ½	4.45	2000	3000	5000	39.37	5.74
	4	5.00	2000	3000	5000	39.37	7.03
	5	6.18	2000	3000	5000	47.24	9.46
4000 GRADE C	2	2.83	4000	6000	10000	31.50	4.32
	2 ½	3.43	4000	6000	10000	31.50	5.88
	3	4.02	4000	6000	10000	39.37	7.50
	3 ½	4.69	4000	6000	10000	47.24	9.73
	4	5.20	4000	6000	10000	47.24	10.81
	5	6.38	4000	6000	10000	55.12	16.55
5000 Grade D	2	2.95	5000	7500	12500	31.50	4.32
	2 ½	3.54	5000	7500	12500	31.50	5.88
	3	4.09	5000	7500	12500	39.37	7.50
	3 ½	4.76	5000	7500	12500	47.24	9.73
	4	5.28	5000	7500	12500	47.24	10.81
	5	6.46	5000	7500	12500	55.12	16.55
7500 Grade E	2	3.03	7500	11250	18750	35.43	5.74
	2 ½	3.70	7500	11250	18750	39.37	7.09
	3	4.33	7500	11250	18750	39.37	12.50
	3 ½	5.04	7500	11250	18750	47.24	13.51
	4	5.91	7500	11250	18750	55.12	20.27
	5	7.28	7500	11250	18750	62.99	33.11
	6	8.35	7500	11250	18750	62.99	40.54

SUPER ABRASION RESISTANT FRAC HOSE

Application:

Flexible line using for delivery water-based, oil-based, acid-based and foam fracturing fluids under high pressure in acid, sand and hydraulic fracturing works.

Inner Tube:

UPE and synthetic rubber

Reinforcement:

Multi-spiraled high tensile super flexible steel wire

Outer Layer:

Abrasion and weather resistant synthetic rubber

Tube Type:

Full flow

Connector:

Integral union, integral Flange, or other connector types

Temperature Range:

-20°F~/+212°F (-29°C~ /+100°C)

Marking:




SIZE	I.D.	O.D.	W.P.	P.P.	MIN. B.R.	W.T.	VOLUME		CONNECTOR W.T	CONNECTION TYPE
INCH	INCH	INCH	PSI	PSI	INCH	LBS/FT	BBI/MIN	M ₃ /MIN	LBS	
2"	1.77	3.74	15000	22500	0.06	12.16	9	1.46	116.60	3" figure 1502 hammer union or 3 1/16" 15K API flange
	2.00	4.06	15000	22500	0.95	13.51	12	1.91	121	
2 1/2"	2.28	4.76	15000	22500	1.01	17.57	14.8	2.34	125.4	
	2.52	5.04	15000	22500	1.01	20.27	18.5	2.90	127.60	
3"	2.76	5.31	15000	22500	1.08	22.97	22	3.5	132	
	3.00	5.55	15000	22500	1.08	22.97	26	4.17	143	
4"	3.50	6.50	15000	22500	1.35	33.78	35.8	5.70	165	4" figure 1502 hammer union or 4 1/16" 15K API flange
	4.00	6.73	15000	22500	1.35	37.84	47	7.47	187	
5"	4.72	8.27	15000	22500	1.42	45.95	62.9	10	341	5 1/8" 15K API flange
	5.00	8.46	15000	22500	1.42	58.11	80	11.58	385	
	5.12	8.66	15000	22500	1.42	60.81	84	12.13	231	
6"	5.51	9.45	15000	22500	1.49	87.84	88.6	14.07	462	7 1/16" 15K API flange
2"	1.73	4.17	20000	30000	1.01	16.22	9	1.46	132	2" figure 2002 hammer union or 3 1/16" 20K API flange
	2.00	4.41	20000	30000	1.01	17.57	12	1.91	143	
2 1/2"	2.23	4.96	20000	30000	1.08	21.62	14.8	2.34	154	2 1/2" figure 2002 hammer union or 3 1/16" 20K API flange
	2.52	5.24	20000	30000	1.08	24.32	18.5	2.90	171.60	
3"	2.72	5.59	20000	30000	1.15	29.73	22	3.5	187	3" figure 2002 hammer union or 3 1/16" 20K API flange
	3.00	5.71	20000	30000	1.15	31.08	26	4.17	215.60	

HIGH PRESSURE CEMENTING HOSE

Application:

Flexible connection in the manifold for delivery water-based and oil-based cement slurries under high pressure.

Inner Tube:

UPE and synthetic rubber or HNBR

Reinforcement:

Multi-spiraled high tensile super flexible steel wire

Outer Layer:

Abrasion and weather resistant synthetic rubber

Connector:

Integral union or integral flange

Temperature Range:

-4°F~/+250°F (-20°C~ /+121°C)

Marking:





PRESSURE PSI	I.D. INCH	O.D. INCH	W.P. PSI	P.P. PSI	MIN. B.P. PSI	MIN. B.R. INCH	W.T. LBS/FT
10000	2	3.27	10000	15000	22500	39.37	7.30
	2 ½	3.86	10000	15000	22500	39.37	13.11
	3	5.08	10000	15000	22500	55.12	18.92
	3 ½	5.39	10000	15000	22500	55.12	22.30
	4	6.06	10000	15000	22500	62.99	26.01
15000	2	3.98	15000	22500	33750	47.24	13.85
	3	4.92	15000	22500	33750	59.06	24.32
20000	2	4.17	20000	30000	45000	59.06	16.22
	3	5.59	20000	30000	45000	66.93	29.73

FLEXIBLE CHOKE AND KILL LINE

Application:

Flexible connection in the choke and kill manifolds for delivery oil-gas mixture that containing hydrogen sulfide (H₂S) and other dangerous gases and various water-based, oil-based and foam killing fluids under high pressure.

Inner Tube:

HNBR/UPE

Reinforcement:

Multi-spiraled high tensile super flexible rubber

Outer Layer:

High temperature and fire resistant synthetic rubber (resistant to 704°C open fire for 30 minutes)

Connector:

Integral union or integral flange

Bore Type:

Full Bore

Protective Layer:

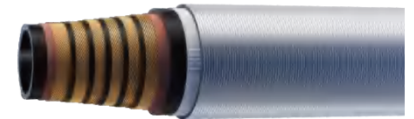
Stainless steel armor

Temperature Range:

-29°F~/+121°F (-20°C~ /+250°C)

Marking:





PRESSURE PSI	I.D. INCH	O.D. INCH	W.P. PSI	P.P. PSI	MIN. B.P. PSI	MIN. B.R. INCH	W.T. LBS/FT
5000	2	3.50	5000	7500	11250	39.37	6.42
	3	4.53	5000	7500	11250	47.24	10.00
	3 1/2	5.24	5000	7500	11250	55.12	13.51
	4	5.79	5000	7500	11250	62.99	20.27
10000	2	3.78	1000	15000	22500	47.24	10.14
	2 1/2	4.96	1000	15000	22500	62.99	16.89
	3	5.51	1000	15000	22500	62.99	22.30
	4	6.57	1000	15000	22500	70.87	35.14
15000	2	3.98	15000	22500	33750	55.12	14.19
	3	5.71	15000	22500	33750	62.99	27.70
	4	7.01	15000	22500	33750	78.74	41.22

MULTI-PURPOSE CRUDE OIL HOSE

Application:

The hose is suitable for delivering petroleum products such as fuel oil, crude oil, gasoline, etc. The hose inner layer is made of polymer composites, which makes the hose with strong corrosion resistance and high lubrication characteristics. Its excellent chemical stability prevents it from reacting with chemical substances in petroleum products, ensuring safe and efficient transportation of the medium.

Inner Tube:

Polymer composites

Reinforcement:

Multi-spiraled high tensile cords and highly flexible steel helix wire

Outer Layer:

Synthetic rubber

Temperature Range:

-40°F~/+365°F (-40°C~/+180°C)

Marking:



The hose pressure and inner diameter can be customized based on the requirements



I.D.		W.P.	SAFETY FACTOR
INCH	MM	PSI	
2	51	5076	2.5
2 1/2	63	5076	2.5
3	76	5076	2.5
3 1/2	90	5076	2.5
4	102	5076	2.5
5	127	5076	2.5
6	152	5076	2.5

UPE LOW PRESSURE MULTIPURPOSE HOSE

Application:

widely apply to industries like chemical, iron and steel smelting, construction, F&B, and medication etc. It is rarely reacting with any substance (oil, fats, corrosion chemicals etc.) because of its highly saturation materials. Its neutral taste and odor illustrates that it is safe to use in the F&B and medication industries.

Inner Tube:

UPE and EPDM synthetic rubber

Reinforcement:

Multi-spiraled high tensile synthetic fibers and highly flexible steel helix wire

Outer Layer:

Black or blue EPDM synthetic rubber (UPE layer is available)

Temperature Range:

-22°F~/+180°F (-30C~/+82C)

Marking:



*The hose dimension, pressure and color can be customized based on the requirements.



I.D.		O.D.		W.P.	MIN B.P.	MIN. B.R.	W.T.
INCH	MM	INCH	MM	PSI	PSI	INCH	LBS/FT
½	13	0.89	22.5	290	870	5.12	0.23
5/8	16	1.04	26.5	290	870	5.91	0.30
¾	19	1.17	29.7	290	870	7.09	0.35
1	25	1.39	53.2	290	870	8.07	0.35
1 ¼	32	1.77	45	290	879	9.84	0.64
1 ½	38	2.04	52	290	870	11.81	0.84
2	51	2.64	67	300	750	15.75	1.11
3	76	3.82	97	300	750	22.44	1.86
4	102	4.84	123	300	750	29.53	3.14

RUBBER & PLASTIC SEALS

Application:

Suitable for the sealing of medium like hydraulic oil, corrosive solvent (such as strong acid and strong alkali), steam and water, etc. The products widely apply to petrochemical, construction machinery, coal mining machinery, food machinery, electrical equipment, metallurgical equipment, refrigeration equipment, shields machine and other industries.

Product Feature:

High temperature resistance, corrosion resistance, oil resistance, food grade product

Material:

NBR/HNBR/EPDM/FKM

Temperature Range:

-67°F~/+392°F (-55C~/+200C)



HAMMER UNIONS



FIGURE 602 THREADED 6000 PSI CWP

Specially designed lip type elastomer seal protects metal to metal sealing surface and reduces line flow turbulence

Size (Inch.)	Weight Each (LBS)	Standard Carton
1	3.74	4
2	12.87	4
3	22.75	2
4	36.96	1



FIGURE 602 BUTT WELD 6000 PSI CWP

Specially designed lip type elastomer seal protects metal to metal sealing surface and reduces line flow turbulence

Size (Inch.)	Weight Each (LBS)	Standard Carton
2	13.82	4
3	26.25	2
4	37.82	1



FIGURE 1002 BUTT WELD 10,000 PSI CWP

Specially designed lip type elastomer seal protects metal to metal sealing surface and reduces line flow turbulence

Size (Inch.)	Weight Each (LBS)	Standard Carton
2	13.93	4
3	25.74	2
4	37.42	1



FIGURE 1502 BUTT WELD 15,000 PSI CWP

Specially designed lip type elastomer seal protects metal to metal sealing surface and reduces line flow turbulence

Size (Inch.)	Weight Each (LBS)	Standard Carton
2	19.95	2
3	29.04	2
4	78.39	1

FIREWATER DELUGE HOSE – ABS APPROVED

Application:

Delivery hose for firewater deluge hose application on oil rigs.

Temperature Range:

-40°F/+212°F (-40°C/+100°C)

Inner Tube:

Black, smooth, CR rubber

Specification:

EN 15540:1999 (800°C x 30') / PDA
ABS Nr. 16-GE1577500-PDA

Reinforcement:

High Strength steel cord

Marking:



Cover:

Glass fiber, layers, co-vulcanized with an external layer of red CR rubber compound, fire, sea water, abrasion and ozone resistant.



I.D.		O.D.		W.P.	MIN B.P.	MIN. B.R.	W.T.	COIL LENGTH
INCH	MM	INCH	MM	PSI	PSI	INCH	LBS/FT	FT
2	51	80	3.16	300	1500	16.54	3.29	196.8
3	76	108	4.23	300	1500	21.06	5.04	196.8
4	102	134	5.28	300	1500	25.20	7.39	196.8
5	127	160	6.30	300	1500	43.31	9.00	196.8
6	152	185	7.28	300	1500	47.64	10.55	196.8

Petroleum Wellhead Hose Degasser Hose

Application:

This product is used in degasser application in oil fields.

Tube:

Black, smooth, NR/SBR+UHMWPE rubber compound.

Reinforcement:

Blue neoprene cover with four alternating plies of high tensile carbon steel braid wire for reinforcement.

Cover:

Neoprene rubber. The 3" version of this hose features a black cover with blue lay line.

Working pressure:

2000 PSI

Nominal burst pressure:

8000 PSI

Temperature:

-40°F/+200°F.

Marking:



Fitting:

4" Male NPT Hose Tail and Ferrule



PART NO.	Inner Diameter		Hose OD		Min. Bending Radius		Weight		Max. L
	Inch	mm	Inch	mm	Inch	mm	Lb/ft	Kg/m	ft / m
DGS-300-2000	3	76	4.2	106.7	30	760	7.1	10.58	100/30.5
DGS-400-2000	4	102	5.2	132	40	1020	8.8	13.07	100/30.5

