



OIL & GAS CATALOGUE

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Abdex

SINCE **50** 1974
YEARS

FAMILY OWNED & OPERATED

OIL & GAS

Abdex has supplied the oil and gas industry for more than 20 years with hose assemblies, fittings and valves. Covering a vast array of applications including High Pressure Fluid Injection, Cementing, BOP Control Lines, Jumpers, Well Intervention, Abandonment, and Pipeline Testing. The oil and gas sector demands the very best in reliability, durability and consistent high performance to which Abdex provides specialised solutions to meet these demands.

Abdex is the only certified company in Australasia to supply the complete Black Eagle range of thermoplastic hoses, as well as being Australia's only certified API Q1 & 7K manufacturer. This showcases our dedication to meet strict industry standards ensuring that our products not only meet but exceed many industry benchmarks.

Accreditations

- NATA Accredited Laboratory for Pressure Testing to 5,000 bar (72,500 psi).
- Exclusive Parker Polyflex Certification in Oil and Gas, Water Jetting and Hydraulic to 4,135 bar (60,000 psi).
- API Q1 & 7K Certification.
- Approved DNV GL Hose Assemblies.
- ISO 9000:1.

Services

- Hose Management System.
- On and Offsite Inspection and Testing.
- NATA Pressure Testing.
- Training.
- Custom Built Test Rigs.
- Laser Etched Tags.
- Rental.

Partners



THERMOPLASTIC

Wire Reinforced



Applications

Manufactured by Parker. Suitable for a large range of applications including HFL's, jumpers, long length subsea umbilicals, hydraulic control lines, gas, chemical and methanol injection.

Features

- Low dimensional change under pressure which results in excellent response times.
- Smooth bore for improved flow rate and low pressure drop.
- Offshore safety factor standard (4:1 SF).
- Meets or exceeds the performance requirements of 13628-5 / API 17E.
- Methanol washed bore suitable for MEG use.
- Salt-water resistant.
- Exotic material available as a feature.
- Temperature: -40°C to +100°C.

#	mm / inch	mm	psi		bar		Max Length m	Collapse Pressure bar
			psi	bar	psi	bar		
2340N-04V91	6.35mm 1/4"	12.5	10,000	690	40,000	2,760	3,500	154
2380N-04V91		13.4	10,000	690	40,000	2,760	3,200	220
2440N-04V91		13.1	12,500	875	50,000	3,500	3,200	260
2448N-04V91		13.7	15,000	1,035	60,000	4,140	3,000	445
2390N-06V91	9.52mm 3/8"	18.1	6,450	445	25,800	1,780	3,200	150
2440N-06V91		19.5	12,500	875	50,000	3,500	3,200	320
2390N-08V91	12.7mm 1/2"	21.2	6,000	415	24,000	1,660	3,500	85
2440N-08V91		22.7	11,745	810	46,980	3,240	3,000	190
2390N-12V91	19.05mm 3/4"	29	5,000	345	20,000	1,380	3,200	75
2440N-12V91		30.2	10,000	690	36,250	2,500	2,000	80
2640N-12V91		33.2	12,500	875	50,000	3,500	1,800	120
2390N-16V91		25.4mm 1"	35	4,060	280	16,240	1,120	3,200
2440N-16V91	37.2		8,120	560	32,625	2,250	2,000	60

Aramid Braided



Applications

Manufactured by Parker. Long length hose and hose umbilicals requiring lightweight construction. High pressure hydraulics, pneumatics and lubricating oils, high pressure tools, test apparatus, oilfield pressure control devices and oil applications.

Features

- Aramid reinforcement results in a hose with low weight and high flexibility.
- Smooth bore for improved flow rate and low pressure drop.
- Fully compliant with ISO 13628-5 specification for sub sea production control umbilicals.
- Methanol washed bore suitable for MEG use.
- Exotic materials available as a feature.
- Temperature: -40°C to +55°C.

#	mm / inch	mm	psi		bar		Max Length m	Collapse Pressure bar
			psi	bar	psi	bar		
2022N-04V91-5k	6.35mm 1/4"	12.7	5,000	34.5	20,000	1,380	2,000	50
2022N-04V91-10K		13.8	10,000	69	40,000	2,760	2,500	60
2022N-06V91-5K	9.52mm 3/8"	16.1	5,000	34.5	20,000	1,380	2,000	14
2022N-06V91-10K		19	10,000	69	40,000	2,760	2,000	40
2022N-08V91-5K	12.7mm 1/2"	20.8	5,000	34.5	20,000	1,380	2,000	<10
2022N-08V91-10K		23.2	10,000	69	40,000	2,760	1,500	19

Umbilicals

Using the above hose types Abdex umbilicals are designed for use in the offshore industry to offer a combination of long service life, chemical resistance, flexibility, and lightweight construction.

As Abdex is an independent supplier we can use products to suit specific customer requirements.

Abdex can design, manufacture, and test a large range of bespoke umbilical and jumper hoses specifically made to customer requirements.

Umbilical re-termination and re-testing can also be offered.

Umbilicals take many forms and may contain hoses of different types, sizes and pressure ratings.

This can include:

- High collapse resistant (HCR) lines.
- Chemical Injection.
- Umbilicals can be static, dynamic or a combination of both. Lengths may vary from short, in the case of hydraulic flying leads (HFL) to long, in the case of Workover and Control Umbilicals.



THERMOPLASTIC

Hydrogen



Applications

Manufactured by Parker. Designed for high pressure hydrogen transfer hose for fuelling systems.

Features

- ISO/FDIS 19880-5.
- Robust design for extended life cycle at fuel stations.
- Tight bend radius.
- High kink resistance.
- Fast refuelling at -40°C application temperature.
- Temperature: -40°C to +85°C.

#								
	mm	inch	mm	inch	bar	psi		
2440P-04V32	6.4	1/4	13	0.51	875	12,690	150	0.33

Black Eagle Range

Features

Polyflex Black Eagle hoses are designed for a range of oilfield applications. For each application different demands need to be considered:

- Composition of fluids.
- Temperatures and pressures.
- Short term pressure fluctuations.
- Static and dynamic loads.
- Safety requirements and standards.

To be able to cover these requirements the construction of Black Eagle has the following functionality:

Thermoplastic core tube:

- Polyamide (PA11): Used in high performance applications for oil and gas, flexible pipes and control umbilicals.
- Fluoropolymer: It is designed for use in chemical injection systems at high temperature levels. The tubing has low permeation rates and excellent chemical resistance.

Spiralised wire reinforcement:

Our reinforcement allows flexibility in service without compromising fluid transfer. Various layers of high tensile strength steel wires are used to achieve the best combination of pressure resistance, flexibility, and volumetric expansion.

ColorGard cover:

ColorGard is an extra thick dual layer polyurethane sheath: A red inner layer and a black or golden outer layer. It offers both an abrasion resistant extra thick cover for long service life and acts as an additional safety feature.



Black Eagle Light



Applications

Manufactured by Parker. Designed for cementing, acidising, mud circulation, general fluid and gas injection.

Features

- PA11 core tube with inner ColorGard™.
- Longer service life and less contamination.
- Easy visualisation of core tube erosion - more efficient product inspection and reduced unscheduled downtime.
- Lighter weight and smaller O.D. than common 4-layer constructions - faster and easier deployment.
- DNV Type approval.
- Exotic material available as a feature.
- Temperature: -40°C to +100°C.

#											Collapse Pressure
	mm	inch	mm	inch	bar	psi	bar	psi			
2248N-32V10	50.8	2	68.5	2.70	345	5,000	862	12,500	500	4.4	38

THERMOPLASTIC

Black Eagle - 5,000 psi



Applications

Manufactured by Parker. Suitable for subsea applications, cementing operations, acidising, mud circulation, general fluid and gas injection.

Features

- Longer service life and less contamination in cement slurry.
- Available in long continuous lengths.
- Easy visualisation of core tube erosion - more efficient product inspection and reduced unscheduled downtime.
- Smaller OD than flexible pipe allows more hose reel.
- More efficient deployment and recovery.
- DNV Type Approval.
- High collapse resistance.
- Exotic materials available as a feature.
- Temperature: -40°C to +70°C.

#											Collapse Pressure
	mm	inch	mm	inch	bar	psi	bar	psi	mm	kg/m	
2448N-32V80	50.8	2	80.5	3.17	345	5,000	1,380	20,000	508	8.50	49
2240N-48V80	76.2	3	114	4.49	345	5,000	1,380	20,000	1,000	11.50	20

Black Eagle - 10,000 psi



Applications

Manufactured by Parker. Designed for use in acidising, cementing, methanol injection, well stimulation and control fluids. Used as an alternative to steel pipe, flexible pipe and rubber hose. Can be utilised onshore or offshore.

Features

- ColorGard, visual early warning system.
- Available in long continuous lengths.
- Smaller OD than flexible pipe allows more hose per reel.
- More efficient deployment and recovery.
- DNV Type approval.
- High collapse resistance.
- Exotic materials available as a feature.
- Temperature: -40°C to +70°C.

#											Collapse Pressure
	mm	inch	mm	inch	bar	psi	bar	psi	mm	kg/m	
2640N-24V80	38.1	1 1/2	70.5	2.78	690	10,000	1,725	25,000	500	7.2	65
2580N-32V80	50.5	2	84.5	3.33	690	10,000	1,725	25,000	813	9.4	57
2440N-48V80	76.2	3	122	4.80	690	10,000	1,725	25,000	1,100	18.7	66

Black Eagle 15,000 psi



Applications

Manufactured by Parker. Designed for use in acidising, cementing, methanol injection, well stimulation and control fluids. Used as an alternative to steel pipe, flexible pipe and rubber hose. Can be utilised onshore and offshore.

Features

- ColorGard, visual early warning system.
- Available in long continuous lengths.
- Smaller OD than flexible pipe allows more hose per reel.
- DNV Type approval.
- High collapse resistance.
- Exotic materials available as a feature.
- Temperature: -40°C to +70°C.

#											Collapse Pressure
	mm	inch	mm	inch	bar	psi	bar	psi	mm	kg/m	
2640N-24V80-15K	38.1	1 1/2	66	2.60	1,035	15,000	2,330	33,750	500	6.5	66
2648N-32V80-15K	50.8	2	86	3.39	1,035	15,000	2,330	33,750	787	12.1	60
2640N-48V80-15K	76.2	3	130.5	4.49	1,035	15,000	2,330	33,750	1,200	27.5	80

RUBBER

Slim Hole Rotary



Applications

Manufactured by Gates. Designed for rotary applications on work over rigs and slim hole or seismograph rigs. Designed to operate at a maximum of 1,500 to 5,000 psi rated working pressure depending on size. Applications on small or medium size drilling rigs used for water well operations, water well core drill, blast or shot hole operations.

Features

- Perforated cover for air / gas applications.
- Increased abrasion resistant inner tube.
- ARPM (Class A) high oil resistant tube and MSHA.
- 2G-IC-11C flame resistant cover.
- Temperature: -40°C to +82°C.

#								
	mm	inch	mm	inch	bar	psi		
3670-0665	25.4	1	38.9	1.53	345	5,000	305	2.29
3670-0670	31.8	1 1/4	50	1.97	345	5,000	419	3.93
3670-0675	38.1	1 1/2	57.4	2.26	345	5,000	508	4.59
3670-0655	50.8	2	66.8	2.63	207	3,000	635	4.26
3670-0679	50.8	2	71.1	2.80	345	5,000	635	6.56
3670-0656	63.5	2 1/2	85.9	3.38	172	2,500	762	5.24

Cementing 5,000 psi & 10,000 psi Black Gold



Applications

Gates cementing hose is used on drilling rigs as a flexible connection between the cementing pump manifold and the cementing head for the conveyance of cement slurries at high pressure.

Features

- API7K STD monogram available.
- Integral FIG1502 hammer union couplings.
- NPTLP - API couplings.
- Buttweld couplings available to customise end terminations.
- Temperature: -20°C to +121°C.



#										
	mm	inch	mm	bar	psi	bar	psi			
3670-0776	51	2	71	345	5,000	862	12,500	914	6.89	
3670-0778	51	2	71	690	10,000	1,551	22,500	914	6.89	

General Hydraulic 5,000 psi



Applications

Heavy duty lines, hydrostatic transmission, in heavy duty environmental conditions, specific installations with severe abrasion conditions, marine applications, underground and open pit mining.

Features

- Approved at 1,000,000 flexing impulse cycles.
- High ozone and weather resistance.
- Biological and mineral oils compatibility.
- Temperature: -40°C to +121°C.

#										
	mm	inch	mm	bar	psi	bar	psi			
R13-32	51	2	72	350	5,070	1,400	20,400	630	6.8	

RUBBER

Drilling Hose









Applications

Flexible connection between the upper end of the stand pipe and the top drive / swivel and between the pump and the lower end of the standpipe for pumping mud at high pressure in oil drilling and exploration work.

Features

- Many layers of high tensile super flexible spiral steel wire or steel cable.
- Abrasion and weather resistant synthetic rubber.
- Integral union or integral flange connectors.
- Temperature: -20°C to +100°C.

#										
	mm	inch	mm	inch	bar	psi	bar	psi	mm	kg/m
AB3K-48	76	3	98		207	3,000	517	7,500	1,000	6.9
AB5K-48	76	3	104		345	5,000	861	12,500	1,000	11.1
AB5K-56	89	3 1/2	121		345	5,000	861	12,500	1,200	14.1

Cementing 8,000 psi









Applications

Manufactured by Parker. Designed with a oil, weather and abrasion resistant MSHA cover. General high pressure large flow hydraulic applications construction, injection moulding, mining, oil drilling, as well as cementing and mud circulation. Suitable for use with petroleum based hydraulic fluids and lubricating oils.

Features

- Ultra abrasion resistant wrapped cover.
- Twice the abrasion resistance of standard rubber.
- Long lengths available - 45 metres.
- Temperature: -20°C to +70°C.

#										
	mm	inch	mm	inch	bar	psi	bar	psi	mm	kg/m
P5675-32-150	51	2	75		552	8,000	1,400	20,000	630	7.89

BOP Megashield 5,000 psi








Applications

Manufactured by Gates. Designed for blow-out preventer (BOP) systems requiring high pressure, high temperature and flame resistant control lines. Certified to API 16D and Llyods 1000 / 499 fire test for five minutes at 1300°F (704°C).

Features

- Various end configurations available: NPT, JIC, BSPT, and BOP Couplers.
- API (American Petroleum Institute) 16D and Llyods 1000/499 fire test.
- Hydrostatic pressure tests per EUB (Alberta Energy and Utilities Board).
- Stainless steel armour option available.
- Temperature: -40°C to +100°C.

#								
	mm	inch	mm	inch	bar	psi	mm	kg/m
3670-0760	6	1/4	20	0.77	345	5,000	102	0.55
3670-0761	10	3/8	24	0.93	345	5,000	127	0.77
3670-0762	13	1/2	27	1.05	345	5,000	178	0.94
3670-0763	19	3/4	35	1.38	345	5,000	241	1.56
3670-0764	25	1	42	1.67	345	5,000	305	2.63
3670-0765	32	1 1/4	54	2.11	345	5,000	419	3.97
3670-0766	38	1 1/2	61	2.41	345	5,000	508	4.46
3670-0767	51	2	75	2.96	345	5,000	635	8.53



RUBBER

Choke & Kill



Applications

Flexible choke and kill lines that require API 16C certification. The tube is specially compounded to resist abrasion, corrosion, oil, drilling mud, methane and H2S.

Features

- Survival temperature is 350°F (177°C) for 1 hour per API 16C (2nd Edition) B.12.5.
- Available in various sizes and pressures.
- 18 month warranty. 6 Month Storage + 12month field service warranty.
- Temperature: -29°C to +121°C.

mm		inch		bar		psi		mm	kg/m
64	2 1/2	131	5.14	689	10,000	1,219	20.6		
76	3	143	5.64	689	10,000	1,219	23		
89	3 1/2	154	6.05	689	10,000	1,372	24.6		

Bunkering 300SD



Applications

Transfer of potable water, non-potable water or liquids not containing oils or chemicals from a supply ship to a offshore drilling rig or platform.

Features

- Food-grade tube meets FDA requirements.
- Hose designed to withstand 2.5 ton tensile force.
- Suitable for suction and delivery applications.
- ABS and DNV Type approval.
- Temperature: -40°C to +66°C.

#	mm		inch		bar		psi		mm	kg/m
	3132-5013	102	4	126	21	300	83	1,200	762	4.59
3132-5014	127	5	154	21	300	83	1,200	914	6.56	
3132-5015	152	6	188	21	300	83	1,200	1,016	11.15	

Bunkering 400SD



Applications

Manufactured by Gates. The 400SD offshore / onshore dock hose is used with transfer applications involving suction and discharge services for the transfer of water, petroleum based fluids, dilute acids, chemicals and abrasive slurries used in oil and gas well stimulation and fracking.

Features

- Breakaway / dry disconnect couplings available.
- Small minimum bend radius.
- Lightweight & flexible.
- Temperature: -40°C to +82°C.

#	mm		inch		bar		psi		mm	kg/m
	4688-0590	51	2	72	27.6	400	110.3	1,600	381	2.95
4688-0591	76	3	102	27.6	400	110.3	1,600	508	5.57	
4688-0592	102	4	127	27.6	400	110.3	1,600	635	6.88	



Yellow Frontier



Applications

An economical air and water hose. Continental Frontier is for a wide range of industrial, construction and agricultural applications.

Features

- Colour coded for different applications.
- Economical air and water hose.
- Temperature: -40°C to +99°C.

#								Length
	mm	inch	mm	inch	bar	psi		
20026374	10	3/8	17.8	0.70	20	300	0.25	152.4
20026375	12	1/2	21.3	0.83	20	300	0.33	152.4
20026379	19	3/4	29.0	1.14	20	300	0.52	152.4
20026395	25	1	36.8	1.44	20	300	0.80	137.2

ABSWAH-40 Air & Multipurpose



Applications

Designed for the most severe working conditions in mining, quarries, industrial and construction service. This mandrel built hose has a high margin safety and gives a long and trouble free service under the most arduous working conditions.

Features

- Pin pricked yellow synthetic rubber abrasion and oil resistant.
- Synthetic NBR rubber, resistant to oil mist, mixed air and inert fluids.
- Wire braid design provides greater flexibility and reduced weight.
- Safety factor: 4:1
- Temperature: -40°C to +100°C.

#									
	mm	inch	mm	bar	psi	bar	psi		
AH600-0400	102	4	120	40	600	160	2,400	532	7.34

Reflex Steel Air 600 - High Temp



Applications

Steel Air - high temperature bull below hose, high temperature compressor hose with resistance to oil mist. Suitable for drill rigs and elevated working temperatures.

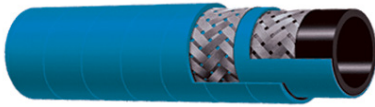
Features

- Pin pricked yellow synthetic rubber abrasion and oil resistant.
- Synthetic NBR rubber, resistant to oil mist, mixed air and inert fluids.
- Wire braid design provides greater flexibility and reduced weight.
- Safety factor: 4:1
- Temperature: -40°C to +135°C.

#									
	mm	inch	mm	bar	psi	bar	psi		
RSA40-076	76.2	3	91	40	600	165	2,400	800	3.82

INDUSTRIAL

Reflex Steel Air 1200 - High Temp



Applications

Steel Air - high temperature bull hose, high temperature compressor hose with resistance to oil mist. Suitable for compressor hoses on drill rigs and elevated working temperatures.

Features

- Pin pricked CPE blue synthetic cover with abrasion and oil resistance.
- CPE tube provides resistance to oil-mist, mixed air, and inert fluids.
- Wire braid design provides increased flexibility and reduced weight.
- Safety factor: 4:1.
- Temperature: -40°C to +135°C.

#									
	mm	inch		bar	psi	bar	psi		
RSA80-051	50.8	2	66.8	80	1,200	330	4,800	800	3.05
RSA80-076	76	3	91	80	1,200	330	4,800	920	3.82

Pilcord Extremelex - Petroleum Transfer



Applications

Manufactured by Continental. Designed as an extremely flexible and lightweight drop hose for use in tank truck and in-plant operation to transfer diesel, ethanol, gasoline, oil and petroleum base products up to 60% aromatic content.

Features

- Extremely flexible.
- Lightweight.
- Weather and ozone resistant.
- Temperature: -40°C to +93°C.

#							Vacuum	
	mm	inch		bar	psi			
20459042	19	3/4	30.5	17.2	250	19	737 29	30.48
20459043	25.4	1	36.8	17.2	250	25	737 29	30.48
20472432	32	1 1/4	42.5	17.2	250	32	737 29	30.48
20459044	38	1 1/2	48.5	17.2	250	37.1	737 29	30.48
20474865	38	1 1/2	48.5	17.2	250	37.1	737 29	60.96
20635998	44	1 3/4	55.8	17.2	250	44	737 29	121.92
20459045	50	2	61.8	17.2	250	50.8	737 29	30.48
20474866	50	2	61.8	17.2	250	50.8	737 29	60.96
20459046	63	2 1/2	76.1	13.7	200	63.5	737 29	30.48
20459047	75	3	88.8	13.7	200	72.6	737 29	30.48
20607374	88	3 1/2	103.6	10.3	150	88	737 29	30.48
20459048	100	4	115.7	10.3	150	101.6	737 29	30.48
20546328	150	6	168.1	10.3	150	150	737 29	30.48



INDUSTRIAL

Versiflo



Applications

Continental Versiflo is used in general purpose water suction and delivery, suitable for use in agricultural applications. Users will see large benefits in handling this hose, especially with flexibility and force to bend properties, when compared to a standard smooth cover hose.

Features

- Ease of handling.
- Very flexible, Extremeflex family of products.
- EPDM Tube - excellent for some chemical use.
- Temperature: -40°C to +93°C.

#	Ø		Ø		Pressure		Bend Radius	Kg	Length
	mm	inch	mm	inch	bar	psi			
20893098	25.4	1	35.5		10	150	25.4	0.47	30.48
20893099	31.8	1 1/4	41.1		10	150	32	0.54	30.48
20893100	38.1	1 1/2	47.4		10	150	37.1	0.63	30.48
20893101	50.8	2	60.1		10	150	50.8	0.82	30.48
20893102	63.5	2 1/2	75.1		10	150	63.5	1.27	30.48
20893103	76.2	3	87.8		10	150	76.2	1.50	30.48
20893104	101.6	4	114.5		10	150	101.6	2.22	30.48

Chem One



Applications

Continental Chem One is used for the transfer of a variety of current industrial chemicals used today. (Refer to Contitech chemical resistance guide for compatibility). For use in pressure, gravity flow and or suction service.

Features

- Premium quality.
- Extremely flexible.
- Temperature: -40°C to +121°C.

#	Ø		Ø		Pressure		Bend Radius	Kg	Vacuum HG	
	mm	inch	mm	inch	bar	psi			inch	mm
20408837	19	1	37.20		1.38	200	76.2	0.58	29	737
20408836	25	1 1/4	30.80		1.38	200	50.8	0.73	29	737
20408838	32	3/4	42.3		1.38	200	76.2	0.78	29	737
20408870	38	1 1/2	48.7		1.38	200	101.6	0.93	29	737
20408871	50	2	61.9		1.38	200	127	1.28	29	737
20408872	63	2 1/2	76.2		1.38	200	152.4	1.84	29	737
20408873	75	3	89.2		1.38	200	203.2	2.17	29	737
20462713	100	4	115		1.38	200	279.4	3.06	29	737

Pure One



Applications

Continental Pure One is suitable for suction and discharge service, this hose will handle most chemicals used today. Pure One is also suitable for potable water applications and other food applications such as transferring high proof alcohol.

Features

- High chemical resistance.
- Extreme flexibility.
- Lightweight.
- Suitable for potable water - food industry standards.
- Temperature: -40°C to +100°C.

#	Ø		Ø		Pressure		Bend Radius	Kg
	mm	inch	mm	inch	bar	psi		
20950668	19.1	3/4	30.5	1.20	1.38	200	76	0.65
20950669	25.4	1	36.9	1.46	1.38	200	102	0.85
20950720	31.8	1 1/4	43.3	1.70	1.38	200	102	1.01
20950721	38.1	1 1/2	49.6	1.95	1.38	200	127	1.19
20950722	50.8	2	63.9	2.52	1.38	200	152	1.71
20950724	76.2	3	91.7	3.61	1.38	200	229	3.07
20950725	101.6	4	117.4	4.62	1.38	200	305	4.04

ACCESSORIES

Hose Restraints

Hose containment grips are designed to prevent whipping of pressurised hose in the event of the hose separating from the fitting. The Chinese finger style design, grips the hose in the unlikely event of separation which helps to prevent injury to operators or damage to nearby equipment. Custom 4-eye, single eye and offset designs available on request.

Features

- Two eye design ensures secure anchored connections.

Two Eye Hose Restraint Galvanised - Stainless Steel and Kevlar also available.

#	Wire Size	Diameter	Grip Length	Overall Length	Breaking Load	Shackle
	mm	min - max (mm)	mm	mm	kg	ton
HR2E01	1.2	6 - 14	330	420	1,600	0.75
HR2E02	1.2	14 - 20	365	455	1,600	0.75
HR2E03	1.5	20 - 30	580	695	2,500	0.75
HR2E04	2.0	30 - 40	820	985	4,200	1
HR2E05	2.0	40 - 50	900	1,085	4,200	1
HR2E06	2.5	50 - 60	1,220	1,450	7,500	1.5
HR2E07	2.5	60 - 70	1,230	1,470	7,500	1.5
HR2E08	2.5	70 - 85	1,300	1,560	7,500	1.5
HR2E09	3.0	85 - 100	1,600	1,900	10,500	2
HR2E10	3.0	100 - 120	1,715	2,105	10,500	2
HR2E11	4.0	120 - 140	2,050	2,500	16,000	3.2
HR2E12	4.0	140 - 180	2,800	3,300	20,000	3.2
HR2E13	4.0	180 - 220	3,100	3,650	20,000	3.2
HR2E14	4.0	220 - 260	3,500	4,050	20,000	3.2
HR2E15	4.0	260 - 300	3,600	4,180	20,000	3.2



Red Iron Slings

Red Iron Slings are an engineered temporary pipe restraint system, designed to minimise the risk of injury due to a pipe failure. Intended for use on well heads, flow lines, pipelines and other high pressure well control equipment.

Features

- The Red Iron Sling is designed to restrain and limit movement of high pressure piping during failure.
- Red Iron Slings are manufactured to ASME B30.9 standards and have been certified to be in compliance with all global temporary piping standards along with shell standards.
- Abdex will provide training and certification on proper installation of Red Iron Slings.
- Each sling comes in 3 lengths - 4ft, 5'6", 10ft and 20ft.
- The slings are half hitched to the flow line at strategic points and secured together with a shackle.
- Securing it with a shackle makes it easy to break connection, replace seals and refasten in a timely manner should you have to.
- Each sling is tagged with pipe size and psi rating.

Duty	Code Colour	Pipe Size / PSI Rating
Light Duty	Red	2" Max Pressure 15K psi
Light Duty	Red	3" Max Pressure 8K psi
Light Duty	Red	4" Max Pressure 5K psi
Medium Duty	Blue	2" Max Pressure 20K psi
Medium Duty	Blue	3" Max Pressure 15K psi
Medium Duty	Blue	4" Max Pressure 10K psi
Heavy Duty	Orange	2" Max Pressure 20K psi
Heavy Duty	Orange	3" Max Pressure 20K psi
Heavy Duty	Orange	4" Max Pressure 15K psi



ACCESSORIES

Hammer Unions

- Ranging from 2", 3", 4", 6" and 8" FIG100/200/206 threaded and butt weld.
- To the most common 2" FIG 1502 in BW XXS / Sch160 and NPT threaded.
- Varying sizes and FIG's available cover all application from 1" - 10".

Specifications for Threaded and Butt Weld Hammer Unions

#	Assembly Colour Code for Standard Service	Pressure Rating (psi)				Normal Pipe Sizes													
		Standard Service		Sour Gas Service		inch	1/2	1	1 1/4	1 1/2	2	1 1/2	3	4	5	6	8	10	12
		Cold Working	Test	Cold Working	Test	mm	13	25	32	38	50	65	80	100	125	150	200	250	300
50		500	750	N/A	N/A														
100		1,000	1,500	N/A	N/A														
101		1,000	1,500	N/A	N/A														
200		2,000	3,000	2,000	3,000														
201		2,000	3,000	2,000	3,000														
206		2,000	3,000	2,000	3,000														
207		2,000	3,000	2,000	3,000														
211		2,000	3,000	N/A	N/A														
300		2,000	3,000	N/A	N/A														
400		4,000	6,000	4,000	6,000														
602		6,000	9,000	6,000	9,000														
1002		10,000	15,000	7,500	11,250														
1003		10,000	15,000	7,500	11,250														
1004		10,000	15,000	7,500	11,250														
1502		15,000	22,500	10,000	15,000														
2002		20,000	30,000	N/A	N/A														
2202		N/A	N/A	15,000	22,500														
6666		6,000	9,000	N/A	N/A														

* Indicates different Cold Working Pressure due to other design factor - difference as shown below:

5", 6", 12" : Figure 400, Cold Working Pressure 2,500 psi and Test Pressure 4,000 psi.

5", 6" : Figure 1002 Butt weld, Cold Working Pressure 7,500 psi and Test Pressure 11,250 psi Std. Service.

4", 5" : Figure 1003 Butt weld, Cold Working Pressure 7,500 psi and Test Pressure 11,250 psi Std. Service.

5", 6" : Figure 1002 Butt weld, Cold Working Pressure 5,000 psi and Test Pressure 7,500 psi Sour Service.

4", 5" : Figure 1003 Butt weld, Cold Working Pressure 5,000 psi and Test Pressure 7,500 psi Sour Service.

1/2" : Figure 300, Cold Working Pressure 15,000 psi and Test Pressure 20,000 psi, Zinc Plated.



ACCESSORIES

Hose Hobbles

API standards require a minimum breaking strength of 7,255 kilograms for rotary hose safety clamps. Our hose hobbles have undergone extensive testing to ensure they meet the strict API standards. Cable assemblies come tagged, pull, and load test.



HOSE MANAGEMENT

The Abdex hose and asset management service brings you complete peace of mind for all your assets. Components can be barcoded, tagged, RFID or etched to allow full traceability. The software is simple to use and smart phone enabled. You and Abdex have instant and comprehensive information on all your assets, whether they're in store, in the field, or even in transit.

Why use A-track

- Easy to use software giving transparent overview to all assets.
- Immediate online test data / certificates are available real-time or within minutes of the test being carried out at Abdex.
- Detailed information and reports on every asset allowing fast identification and replacement when necessary.
- Manage and plan inspections with automated reminders which are set according to the asset life cycle.



Why use A-track

- Easy to read etched tags and PVC labels - proven against abrasion.
- State of the art HF and UHF chips.
- Duraband low profile micro-chips 1/2" to 24" diameter - low profile and proven in the harshest applications.
- A-Track unique assets - Every asset is different and all asset information is backed up and stored on the software.

Hose Data and Management

- Full asset / hose assembly data is recorded at point of supply / manufacture and during maintenance surveys.
- Easy to read dash board showing summary reports of asset specifications and planned maintenance schedules with any attached documentation as required.
- Planned maintenance schedules can be set up, monitored and changed accordingly.
- Free mobile application to allow customers to identify and view all of their asset / hose information straight to your phone or tablet.



ADAPTORS, VALVES & FITTINGS

High Pressure Fittings, Valves and General Instrumentation.

Quality Fitok, Parker, and Alco Valves, engineered components make up our complete range of instrumentation fittings, valves and tubing for high and ultra high applications. Each part is marked with pressure rating and the material number.

Valves

- Ball up to 20,000 psi.
- Needle up to 60,000 psi.
- Check.
- Metering.
- Relief.
- Filters.
- Tubing.
- Double block and bleed.

Tube Fitting

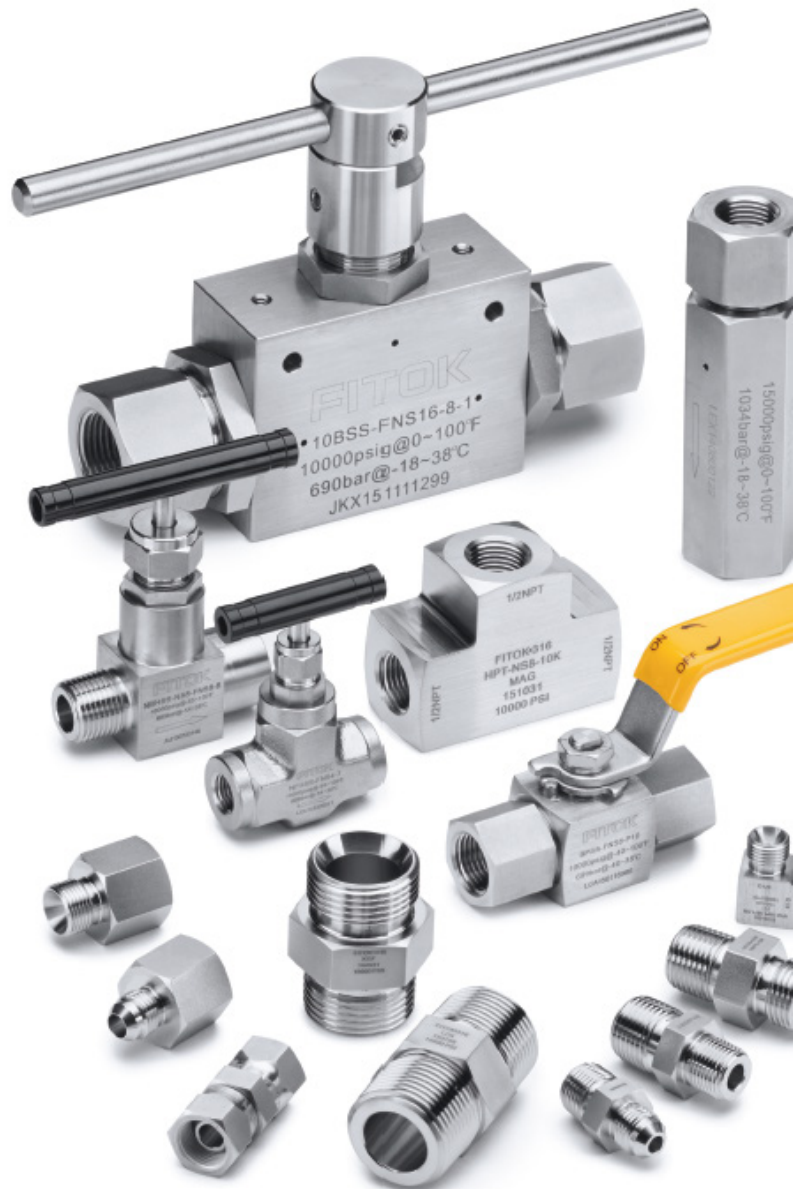
- Twin ferrule and 37° flared.

Threaded Pipe Fittings

- 10,000 and 15,000 psi.
- Adapters and couplings.

Fittings and Tubing

- 20,000 and 60,000 psi.
- Tooling.





FLUID TRANSFER TECHNOLOGY

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