



HOSEMASTER

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Aotong rubber



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HEBEI AOTONG RUBBER PRODUCT CO.,LTD

Add: Industrial Zone, Jing County, Hebei Province, China

Tel: 0086-318-5171166

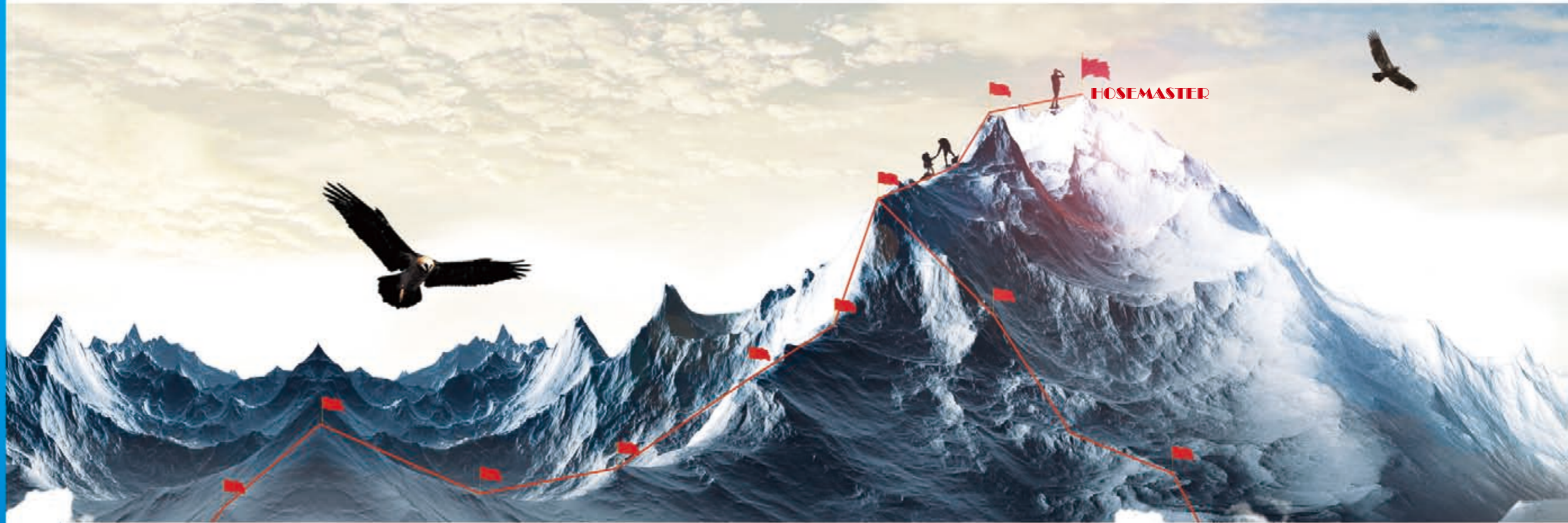
Fax: 0086-318-4312082

PC: 053500

Website: www.chinarubberhose.cn

Email: export@chinarubberhose.cn

PROFILE
&
HISTORY



2000-2004

- Established HEBEI AOTONG RUBBER PRODUCT CO.,LTD
- Vendor approval by SHANXI COKING COAL
- Certificate ISO9001, ISO14001
- Founded china branch

2005-2009

- Acquired GB/T 3683-2011 10 manufacture standard
- Acquired EN 857 manufacture standard
- Vendor Approval by Austalia market

2010-2017

- Acquired SAE J517 manufacture standard
- Certificate API-7K
- Begin to establish branch factory for increase manufacture capacity
- Received an award of 10,000,000 dollar exportation
- Vendor Approval by Pakistan and India market
- Established R&D center
- Make agreement with our customer on market exclusive

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BRIEF
INTRODUCTION

Hebei Aotong Rubber Product Co., Ltd. was founded in September, 2000. It is located in Jingzhou, the ancient city in southeastern of Hebei with history more than 1000 years and is bordered with Shandong at the east and Tianjin Port at north, with convenient traffic conditions.

Hebei Aotong Rubber Product Co., Ltd. has large scale, enormous potentiality and advanced technology. Our Company established new workshop buildings of 11,000 square meters in Hebei and Shandong Economic Cooperation Zone in May, 2010. It covers a total floor area of 26,980 square meters, including building area of 24,500 square meters, has registered capital of 51 million yuan and existing staff of 380 people, including 8 senior engineers and 15 engineers, and owns the annual production capacity up to 6 million standard meters.

Our Company has imported advanced production equipment from Germany, including braiding machine, winding machine, stranding machine, cold feed extruder, vulcanizer, pressure test device, wrapping & unwrapping machine, glue machine, etc., employed the most outstanding industry technology research and development team, and established long-term cooperative relationship with domestic authoritative scientific research institutes.

Products build up the image and quality determines the future of the company. Products of the company include high pressure wire braided hose, high pressure steel wire winding hose, steel wire winding drilling rubber hose, flame retardant and fire-resistant rubber hose, metal hose series, compensator series, pipe joint and coal mine accessories, hose connector series. High-pressure rubber hose series products feature favorable flexibility, fatigue durability, high pressure resistance and sound pulse performance, can convey hydraulic oil, fuel oil, lubricant, emulsion, air and water with certain pressure under the temperature of -40°C -100°C, which are widely used in

various hydraulic equipment and are highly praised by domestic and overseas customers.

Our company also owns advanced test equipment and world-leading test technologies, which can accurately analyze characteristics and continually improve performance of rubber hoses during production and tests. The company strictly controls quality management of production processes. It has own laboratories to test product hardness, thickness, tensile strength, operating pressure, burst pressure, etc. The company will provide users with more reliable and safe products with excellent expertise.

Our company was granted with a safety certificate for mining products issued by Mining Products Safety Approval and Certification Center on March 30, 2012, and China Industrial Products Manufacturing Certificate issued by Hebei Provincial Administration of Quality and Technical Supervision on July 17, 2014, and was honored as the excellent enterprise by Hebei Provincial Administration of Quality and Technical Supervision and Hebei Provincial Enterprise and Product Quality Information Annual Inspection Editorial Committee. (Certificates mainly include quality management system certificate, environment management system certificate, occupational health and safety management system certificate, API management system certificate, patent certificate for one invention, well-known trademark of Hengshui City, famous trademark of Hubei Province, access permit of Hangjiang oil field and Daqing oil field, certificate of consumer trusted products, certificate of contract abiding and creditable enterprise, etc.)

Our company has export experience of more than 15 years, our products are widely exported to Pakistan, India, Colombia, Mexico, Australia and other countries, and are accepted and highly praised by customers.

Look down from a height and make promising future with excellence. Our company not only sells high-quality products, but also provides satisfactory after-sales services to customers. Our company always strives to be the leader of a rubber hose market, devotes to providing reliable and stable high-quality products and after-sales services to customers, persists in the principle of carefulness, elaboration, diligence and constant & satisfactory quality, and takes customer satisfaction as the forever pursuit.



ENTERPRISE CULTURE

Enterprise concept:

People oriented,to rule the factory by virtue,the pursuit of excellence,more excellence.

Enterprise target:

To improve enterprise reputation and expand brand market occupancy.

Quality policy:

Science management,outstanding innovation,more excellence,build brand.

Core values:

Sincere,innovation,profession,precise,united,appreciation.

Business philosophy:

Customer satisfaction is our first duty, full responsible to create high quality,continuous improvement to build superior brand,good faith and service to establish reputation.

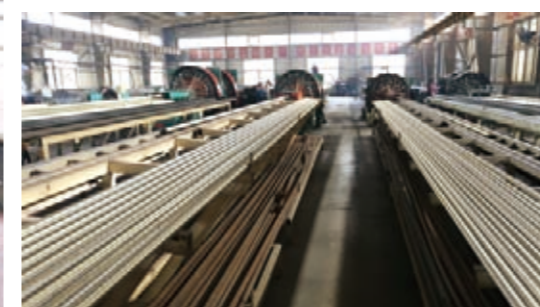
ENTERPRISE
QUALIFICATION



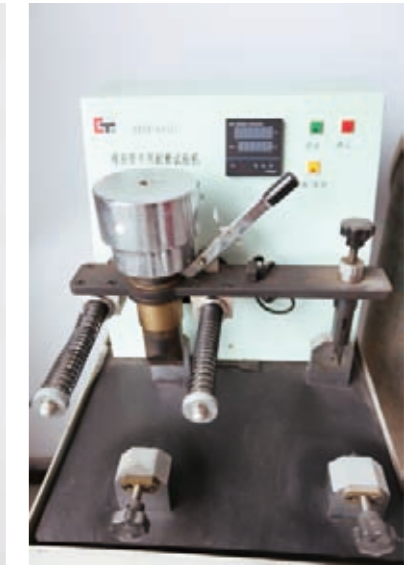
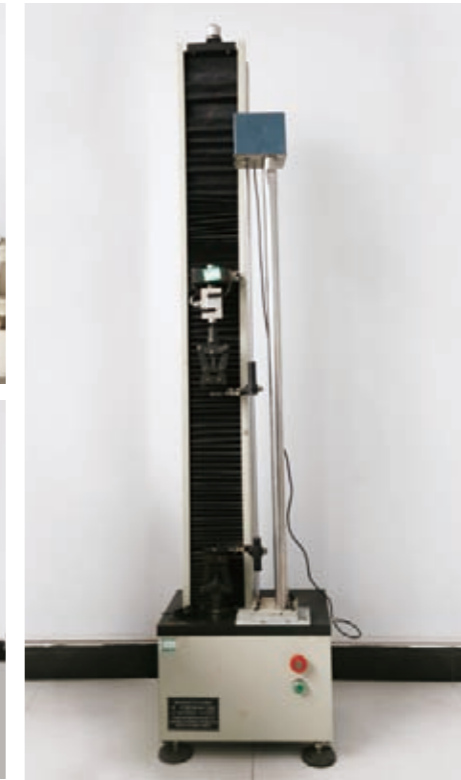


API
CERTIFICATE

PRODUCTION
EQUIPMENT



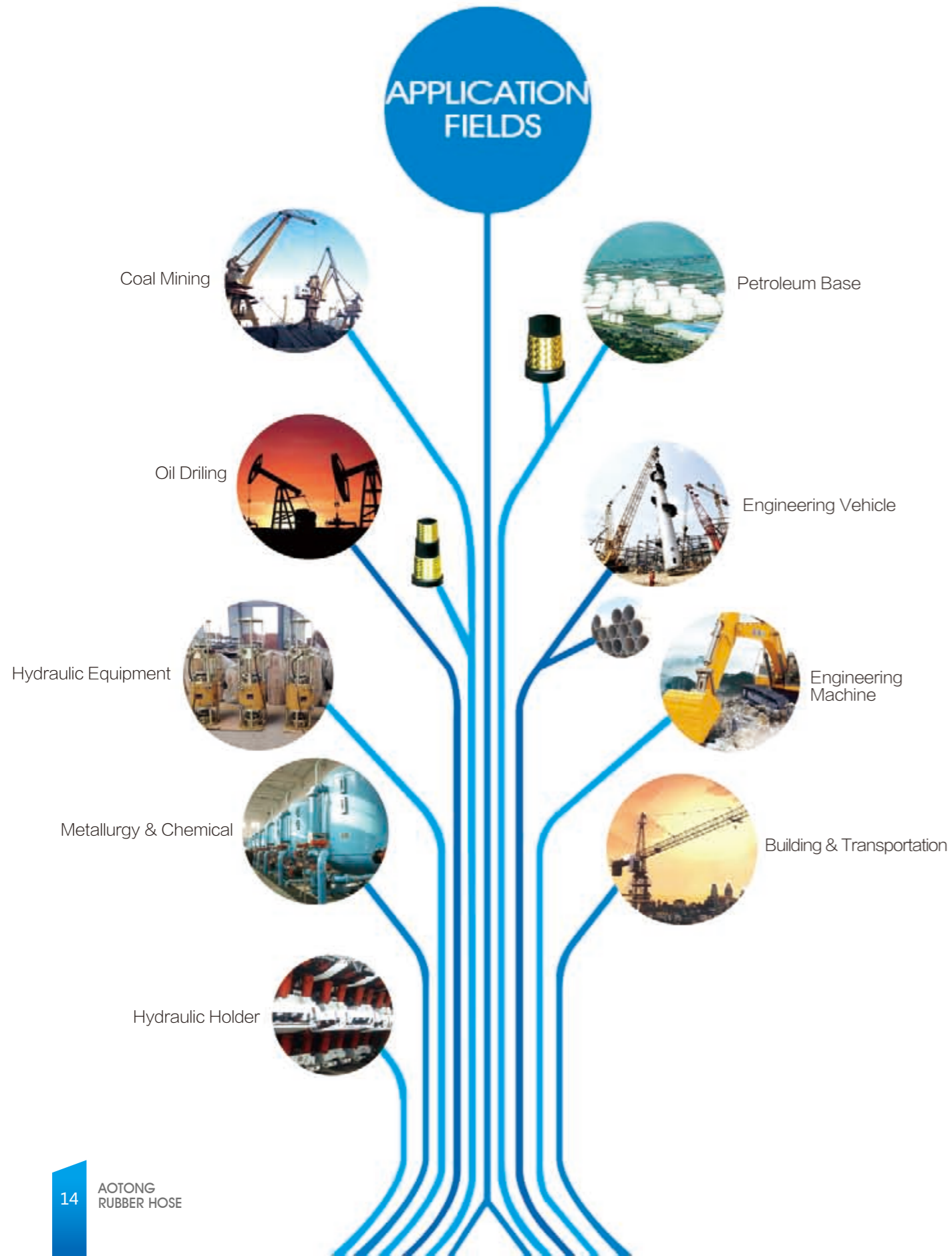
TEST
EQUIPMENT



Quality Control



APPLICATION
FIELDS



Vulcanization



Pressing



Extrusion



Spiraling



Braiding



Unwrapped



Testing



Packing

MANUFACTURE
PROCESS & STANDARD

- SAE 100R1
- SAE 100R2
- SAE 100R12
- SAE 100R13
- SAE 100R15
- SAE 100R17
- DIN EN853 1SN
- DIN EN853 2SN
- DIN EN853 1ST
- DIN EN853 2ST
- DIN EN856 4SH
- DIN EN856 4SP
- DIN EN857 1SC
- DIN EN857 2SC

SAE 100R1 HYDRAULIC RUBBER HOSE

Construction:

Tube: NBR
Reinforcement: One high-tensile steel wire braid
Cover: Oil resistant synthetic rubber, black wrapped cover,
the size from DN 6 to DN 25 can do smooth cover

Main application:

The section covers hose suitable to carry petroleum base hydraulic fluids

Applicable medium:

Petroleum based and water glycol hydraulic oil, lubricating oil, emulsion, air and water

Temperature range:

-40 °F to +212 °F (-40°C to +100°C)



SAE 100R2 HYDRAULIC RUBBER HOSE

Construction:

Tube: NBR
Reinforcement: Two high-tensile steel wire braids
Cover: Oil resistant synthetic rubber, black wrapped cover,
the size from DN 6 to DN 25 can do smooth cover

Main application:

The section covers hose suitable to carry petroleum base hydraulic fluids

Applicable medium:

Petroleum based and water glycol hydraulic oil, lubricating oil, emulsion, air and water

Temperature range:

-40 °F to +212 °F (-40°C to +100°C)



SAE 100R1	Size		I.D.		W.D.		O.D.		W.P.		B.P.		B.R.	W.T.
	Code	DN	inch	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa		
AT-105B	5	3/16	4.6	5.4	8.9	10.1	10.9	12.5	25	3625	100	14500	90	0.18
AT-106B	6	1/4	5.5	7	10.6	11.7	12.7	14.1	22.5	3263	90	13050	100	0.21
AT-108B	8	5/16	7.7	8.5	12.1	13.3	14.5	15.7	21.5	3118	85	12325	115	0.25
AT-110B	10	3/8	9.3	10.1	14.5	15.7	16.5	18.1	18	2610	72	10440	130	0.35
AT-113B	13	1/2	12.3	13.5	17.5	19	19.7	21.5	16	2320	64	9280	180	0.43
AT-116B	16	5/8	15.5	16.7	20.6	22.2	23	24.7	13	1885	52	7540	200	0.54
AT-119B	19	3/4	18.6	19.8	24.6	26.2	26.8	28.6	10.5	1523	42	6090	240	0.68
AT-125B	25	1	25	26.4	32.5	34.1	34.3	36.6	8.8	1276	35	5075	300	0.93
AT-132B	32	1 1/4	31.4	33	39.3	41.7	43.2	44.8	6.3	914	25	3625	420	1.3
AT-138B	38	1 1/2	37.7	39.3	45.6	48	49.6	52	5	725	20	2900	500	1.5
AT-151B	51	2	50.4	52	58.7	61.9	62.3	65.9	4	580	16	2320	630	2

SAE 100R2	Size		I.D.		W.D.		O.D.		W.P.		B.P.		B.R.	W.T.
	Code	DN	Inch	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa		
AT-205B	5	3/16	4.6	5.4	10.6	11.7	11.4	14.1	41.5	6018	165	23925	90	0.3
AT-206B	6	1/4	5.5	7	12.1	13.3	13	15.7	40	5800	160	23200	100	0.35
AT-208B	8	5/16	7.7	8.5	13.7	14.9	15	17.3	35	5075	140	20300	115	0.45
AT-210B	10	3/8	9.3	10.1	16.1	17.3	17	19.7	33	4785	132	19140	130	0.53
AT-213B	13	1/2	12.3	13.5	19	20.6	20.2	23.1	27.5	3988	110	15950	180	0.66
AT-216B	16	5/8	15.5	16.7	22.2	23.8	23.8	26.3	25	3625	100	14500	200	0.79
AT-219B	19	3/4	18.6	19.8	26.2	27.8	27.8	30.2	21.5	3118	85	12325	240	0.98
AT-225B	25	1	25	26.4	34.1	35.7	35.5	38.9	16.5	2393	65	9425	300	1.28
AT-232B	32	1 1/4	31.4	33	43.2	45.6	44	49.6	12.5	1813	50	7250	420	1.85
AT-238B	38	1 1/2	37.7	39.3	49.6	52	50.5	56	9	1305	36	5220	500	2.3
AT-251B	51	2	50.4	52	62.3	64.7	63.5	68.6	80	1160	32	4640	630	2.6

SAE 100R12

HYDRAULIC RUBBER HOSE



Construction:

Tube: NBR
Reinforcement: Four high-tensile steel wire spiral
Cover: Oil resistant synthetic rubber,black wrapped cover

Main application:

High-pressure applications subject to surge or flexing such as construction equipment ,mining and the high performance industrial market

Applicable medium:

Petroleum based and water glycol hydraulic oil,lubricating oil,emulsion,air and water

Temperature range:

-40 °F to +249 °F (-40°C to +121°C)

SAE 100R12 /DIN EN856 R12	Size		I.D		W.D		O.D		W.P		B.P		B.R	W.T
	Code	DN	Inch	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa	Psi	mm
AT-410S	10	3/8	9.3	10.1	16.6	17.8	19.5	21	27.6	4000	110	16000	127	0.6
AT-413S	13	1/2	12.3	13.5	19.9	21.5	23	24.6	27.6	4000	110	16000	178	0.8
AT-416S	16	5/8	15.5	16.7	23.8	25.4	26.6	28.8	27.6	4000	110	16000	200	1.15
AT-419S	19	3/4	18.6	19.8	26.9	28.4	29.9	31.5	27.6	4000	110	16000	240	1.25
AT-425S	25	1	25	26.4	34.1	35.7	36.8	39.2	27.6	4000	110	16000	300	1.85
AT-432S	32	1 1/4	31.4	33	42.7	45.1	45.4	48.6	20.7	3000	83	12000	420	2.65
AT-438S	38	1 1/2	37.7	39.3	49.2	51.6	51.9	55	17.2	2500	69	10000	500	3.15
AT-451S	51	2	50.4	52	62.5	64.8	65.1	68.3	17.2	2500	69	10000	630	4.25

SAE 100R13

HYDRAULIC RUBBER HOSE



Construction:

Tube: NBR
Reinforcement: Six high-tensile steel wire spiral
Cover: Oil resistant synthetic rubber,black wrapped cover

Main application:

Very high-pressure applications subject to surge or flexing such as construction equipment ,mining and the high performance industrial market

Applicable medium:

Petroleum based and water glycol hydraulic oil,lubricating oil,emulsion,air and water

Temperature range:

-40 °F to +249 °F (-40°C to +121°C)

DIN EN856 R13 /SAE 100R13	Size		I.D		W.D		O.D		W.P		B.P		B.R	W.T
	Code	DN	Inch	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa	Psi	mm
AT-619S	19	3/4	18.6	19.8	28.2	29.8	31	33.2	34.5	5075	138	20000	240	1.61
AT-625S	25	1	25	26.4	34.9	36.4	37.6	39.8	34.5	5075	138	20000	300	2.2
AT-632S	32	1 1/4	31.4	33	45.6	48	48.3	51.3	34.5	5075	138	20000	420	3.57
AT-638S	38	1 1/2	37.7	39.3	53.1	55.5	55.8	58.8	34.5	5075	138	20000	500	4.98
AT-651S	51	2	50.4	52	66.9	69.3	69.5	72.7	34.5	5075	138	20000	630	7.2

SAE 100R15 HYDRAULIC RUBBER HOSE

Construction:

Tube: NBR
Reinforcement: Six high-tensile steel wire spiral
Cover: synthetic rubber,black wrapped cover

Main application:

Designed specifically to handle severe high pressure applications where pressure or constant hydrostatic loads are present

Applicable medium:

Petroleum based and water glycol hydraulic oil,lubricating oil,emulsion,air and water

Temperature range:

-40 °F to +249 °F (-40 °C to +121 °C)



SAE 100R17 HYDRAULIC RUBBER HOSE

Construction:

Tube: NBR
Reinforcement: one or two high-tensile steel wire braid
Cover: Oil resistant synthetic rubber black wrapped cover,
the size from DN 6 to DN 25 can do smooth cover

Main application:

High-pressure hydraulic applications,where higher pressure and a more flexible hose is required

Applicable medium:

Petroleum based and water glycol hydraulic oil,lubricating oil,emulsion,air and water

Temperature range:

-40 °F to +212 °F (-40 °C to +100 °C)



SAE 100R15	Size		I.D.		W.D.	O.D.	W.P.		B.P.		B.R.	W.T.
	Code	DN	Inch	Min	Max	Max	Max	Mpa	Psi	Mpa	Psi	mm
AT-606S	10	3/8	9.3	10.1	20.3	23.3	41.4	6000	165.5	20000	240	1.61
AT-608S	13	1/2	25	26.4	24	26.8	41.4	6000	165.5	20000	300	2.2
AT-619S	19	3/4	18.6	19.8	32.9	36.1	41.4	6000	165.5	20000	240	1.61
AT-625S	25	1	25	26.4	38.9	42.9	41.4	6000	138	20000	300	2.2
AT-632S	32	1 1/4	31.4	33	48.4	51.5	41.4	6000	138	20000	420	3.57
AT-638S	38	1 1/2	37.7	39.3	56.3	59.6	41.4	6000	138	20000	500	4.98

SAE 100R17	Size		I.D.		W.D.	O.D.	W.P.		B.P.		B.R.	W.T.
	Code	DN	Inch	Min	Max	Max	Max	Mpa	Psi	Mpa	Psi	mm
AT-105B	5	3/16	4.6	5.4	10.1	11.6	21	3045	84	12180	45	0.15
AT-106B	6.3	1/4	6.2	7	11	13.2	21	3045	84	12180	50	0.17
AT-108B	8	5/16	7.7	8.5	13	15	21	3045	84	12180	55	0.21
AT-110B	10	3/8	9.3	10.1	15	17	21	3045	84	12180	65	0.25
AT-113B	12.5	1/2	12.3	13.5	18.8	21.1	21	3045	84	12180	90	0.47
AT-116B	16	5/8	15.5	16.7	23.6	25.9	21	3045	84	12180	100	0.59
AT-119B	19	3/4	18.6	19.8	27.7	30.3	21	3045	84	12180	120	0.75
AT-125B	25	1	25	26.4	35.6	38.6	21	3045	84	12180	150	1.46



DIN EN853 1SN HYDRAULIC RUBBER HOSE

Construction:

Tube: NBR
Reinforcement: One high-tensile steel wire braid
Cover: Oil resistant synthetic rubber,black wrapped cover,
the size from DN 6 to DN 25 can do smooth cover

Main application:

Low-medium pressure lines,including mobile,machine tool and agricultural application,using petroleum or water-based hydraulic fluids

Applicable medium:

Petroleum based and water glycol hydraulic oil,lubricating oil,emulsion,air and water

Temperature range:

-40 °F to +212 °F (-40°C to +100°C)

DIN EN853 1SN /SAE 100R1AT	Size		I.D		W.D		O.D	W.P		B.P		B.R	kg
	Code	DN	Inch	Min	Max	Min	Max	Max	Mpa	Psi	Mpa	Psi	mm
AT-105B	5	3/16	4.6	5.4	9	10	12.5	25	3620	100	14500	90	0.19
AT-106B	6.3	1/4	6.2	7	10.6	11.6	14.1	22.5	3260	90	13050	100	0.23
AT-108B	8	5/16	7.7	8.5	12.1	13.3	15.7	21.5	3110	85	12320	115	0.27
AT-110B	10	3/8	9.3	10.1	14.5	15.7	18.1	18	2610	72	10440	130	0.34
AT-113B	13	1/2	12.3	13.5	17.5	19.1	21.4	16	2320	64	9280	180	0.42
AT-116B	16	5/8	15.5	16.7	20.6	22.2	24.5	13	1880	52	7540	200	0.51
AT-119B	19	3/4	18.6	19.8	24.6	26.2	28.5	10.5	1520	42	6090	240	0.63
AT-125B	25	1	25	26.4	32.5	34.1	36.6	8.8	1270	35	5070	300	0.95
AT-132B	32	1 1/4	31.4	33	39.3	41.7	44.8	6.3	910	25	3620	420	1.3
AT-138B	38	1 1/2	37.7	39.3	45.6	48	52.1	5	720	20	2900	500	1.6
AT-151B	51	2	50.4	52	58.7	61.7	65.5	4	580	16	2320	630	2.2
AT-164B	64	2 1/2	63	65.2	71.2	74.2	77	5	720	20	2900	760	2.7



DIN EN853 2SN HYDRAULIC RUBBER HOSE

Construction:

Tube: NBR
Reinforcement: Two high-tensile steel wire braids
Cover: Oil resistant synthetic rubber,black wrapped cover,
the size from DN 6 to DN 25 can do smooth cover

Main application:

Medium-high pressure lines,including construction,machine tool and agricultural, using petroleum or water-based hydraulic fluids

Applicable medium:

Petroleum based and water glycol hydraulic oil,lubricating oil,emulsion,air and water

Temperature range:

-40 °F to +212 °F (-40°C to +100°C)

DIN EN853 2SN /SAE 100R2AT	Size		I.D		W.D		O.D	W.P		B.P		B.R	kg
	Code	DN	Inch	Min	Max	Min	Max	Max	Mpa	Psi	Mpa	Psi	mm
AT-205B	5	3/16	4.6	5.4	10.6	11.6	14.1	41.5	6020	165	24076	90	0.27
AT-206B	6.3	1/4	6.2	7	12.1	13.3	15.7	40	5800	160	23204	100	0.34
AT-208B	8	5/16	7.7	8.5	13.7	14.9	17.3	35	5080	140	20304	115	0.39
AT-210B	10	3/8	9.3	10.1	16.1	17.3	19.7	33	4800	132	19144	130	0.49
AT-213B	13	1/2	12.3	13.5	19	20.6	23	27.5	4000	110	15956	180	0.59
AT-216B	16	5/8	15.5	16.7	22.2	23.8	26.2	25	3630	100	14500	200	0.71
AT-219B	19	3/4	18.6	19.8	26.2	27.8	30.1	21.5	3120	85	12472	240	0.89
AT-225B	25	1	25	26.4	34.1	35.7	38.9	16.5	2400	65	9572	300	1.37
AT-232B	32	1 1/4	31.4	33	43.3	45.7	49.5	12.5	1820	50	7252	420	2.27
AT-238B	38	1 1/2	37.7	39.3	49.6	52	55.9	9	1310	36	5220	500	2.44
AT-251B	51	2	50.4	52	62.3	64.7	68.6	8	1160	32	4640	630	3
AT-264B	64	2 1/2	63	65.2	74.6	77.8	83	7	1015	28	4060	760	3.47

DIN EN853 1ST

HYDRAULIC RUBBER HOSE

Construction:

Tube: NBR
Reinforcement: One high-tensile steel wire braid
Cover: Oil resistant synthetic rubber,black wrapped cover,
the size from DN 6 to DN 25 can do smooth cover

Main application:

Medium pressure hydraulic application including mobile,machine tool and agricultural application, using petroleum or water based hydraulic fluids

Applicable medium:

Petroleum based and water glycol hydraulic oil,lubricating oil,emulsion,air and water

Temperature range:

-40 °F to +212 °F (-40°C to +100°C)



DIN EN853 2ST

HYDRAULIC RUBBER HOSE

Construction:

Tube: NBR
Reinforcement: Two high-tensile steel wire braids
Cover: Oil resistant synthetic rubber,black wrapped cover,
the size from DN 6 to DN 25 can do smooth cover

Main application:

Medium pressure hydraulic application including mobile,machine tool and agricultural application, using petroleum or water based hydraulic fluids

Applicable medium:

Petroleum based and water glycol hydraulic oil,lubricating oil,emulsion,air and water

Temperature range:

-40 °F to +212 °F (-40°C to +100°C)



DIN EN853 1ST /SAE 100R1A	Size		ID		W.D		O.D		W.P		B.P		B.R	W.T
	Code	DN	Inch	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa	Psi	mm
AT-105B	5	3/16	4.6	5.4	8.9	10.1	11.7	12.5	25	3625	90	14500	89	0.2
AT-106B	6.3	1/4	6.2	7	10.8	11.4	15	15.8	22.5	3263	90	13050	102	0.25
AT-108B	8	5/16	7.7	8.5	12.5	13.1	16.8	17.6	21.5	3118	85	12320	114	0.31
AT-110B	10	3/8	9.3	10.1	14.5	15.1	19	19.8	18	2610	72	10440	127	0.36
AT-113B	13	1/2	12.3	13.5	17.7	18.3	22.2	23	16	2320	64	9280	178	0.45
AT-116B	16	5/8	15.5	16.7	21.1	21.7	25.4	26.2	13	1885	52	7540	203	0.52
AT-119B	19	3/4	18.6	19.8	24.6	25.4	29.4	30.2	10.5	1523	42	6090	241	0.65
AT-125B	25	1	25	26.4	32.1	34.1	37.6	38.4	8.8	1276	35	5070	305	0.91
AT-132B	31	1 1/4	31.4	33	40.8	41.6	45.3	46.1	6.3	914	25	3620	419	1.3
AT-138B	38	1 1/2	37.7	39.3	47.2	48	51.7	52.5	5	725	20	2900	508	1.7
AT-151B	51	2	50.4	52	59.9	60.7	65.5	66.3	4	580	16	2320	635	2
AT-164B	64	2 1/2	63	65.2	71.2	74.2	77	77.8	5	720	20	2900	760	2.7

DIN EN853 2ST /SAE 100R2A	Size		ID		W.D		O.D		W.P		B.P		B.R	W.T
	Code	DN	Inch	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa	Psi	mm
AT-205B	5	3/16	4.6	5.4	10.6	11.7	15.1	15.9	41.5	6020	166	24076	90	0.3
AT-206B	6.3	1/4	6.2	7	12.5	13.1	16.7	17.5	40	5800	160	23204	100	0.34
AT-208B	8	5/16	7.7	8.5	14.2	14.9	18.4	19.2	35	5080	140	20304	115	0.36
AT-210B	10	3/8	9.3	10.1	16.2	16.8	20.6	21.4	33	4800	132	19144	130	0.49
AT-213B	13	1/2	12.3	13.5	19.4	20	23.8	24.6	27.5	4000	110	15956	180	0.56
AT-216B	16	5/8	15.5	16.7	22.8	23.4	27	27.8	25	3630	100	14500	200	0.6
AT-219B	19	3/4	18.6	19.8	26.4	27.2	31	31.8	21.5	3120	86	12472	240	0.83
AT-225B	25	1	25	26.4	33.9	34.7	38.3	39.1	16.5	2400	66	9572	300	1.22
AT-232B	32	1 1/4	31.4	33	42.8	43.6	49.2	50	12.5	1820	50	7252	420	1.91
AT-238B	38	1 1/2	37.7	39.9	49.2	50	55.7	56.5	9	1310	36	5220	500	2.17
AT-251B	51	2	50.4	52	61.9	62.7	68.7	69.5	8	1160	32	4640	630	2.74
AT-264B	64	2 1/2	63	65.2	74.6	77.8	82.2	83	7	1015	28	4060	760	3.25

DIN EN856 4SH HYDRAULIC RUBBER HOSE



Construction:

Tube: NBR
Reinforcement: Four high-tensile steel wire spiral
Cover: Oil resistant synthetic rubber,black wrapped cover

Main application:

Very high pressure applications used for petroleum based hydraulic fluids

Applicable medium:

Petroleum based and water glycol hydraulic oil,lubricating oil,emulsion,air and water

Temperature range:

-40 °F to +212 °F (-40°C to +100°C)

DIN EN856 4SH	Size		I.D.		W.D.		O.D.		W.P.		B.P.		B.R.	W.T.
	Code	DN	Inch	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa	Psi	mm
AT-416B	16	5/8	15.4	16.4	23.2	24.8	27.4	29	45	6770	180	26650	250	1.3
AT-419B	19	3/4	18.6	19.8	27.6	29.2	31.4	33	42	6090	168	24360	280	1.7
AT-425B	25	1	25	26.4	34.4	36	37.5	39.9	38	5510	152	22040	340	2.5
AT-432B	31.5	1 1/4	31.4	33	40.9	42.9	43.9	47.1	32.5	4714	130	18855	460	3
AT-438B	38	1 1/2	37.7	39.3	47.8	49.8	51.9	55.1	29	4205	116	16820	560	3.6
AT-451B	51	2	50.4	52	62.2	64.2	66.5	69.7	25	3650	100	15600	700	4.98

DIN EN856 4SP HYDRAULIC RUBBER HOSE



Construction:

Tube: NBR
Reinforcement: Four high-tensile steel wire spiral
Cover: Oil resistant synthetic rubber,black wrapped cover

Main application:

Very high pressure applications used for petroleum based hydraulic fluids

Applicable medium:

Petroleum based and water glycol hydraulic oil,lubricating oil,emulsion,air and water

Temperature range:

-40 °F to +212 °F (-40°C to +100°C)

DIN EN856 4SP	Size		I.D.		W.D.		O.D.		W.P.		B.P.		B.R.	W.T.
	Code	DN	Inch	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa	Psi	mm
AT-610B	10	3/8	9.3	10.1	16.9	18.1	20.6	22.2	44.5	6454	178	25816	180	0.78
AT-612B	12	1/2	12.3	13.5	19.4	21	23.8	25.4	41.5	6019	166	24076	230	0.89
AT-616B	16	5/8	15.5	16.7	23	24.6	27.4	29	35	5076	140	20305	250	1.11
AT-619B	19	3/4	18.6	19.8	27.4	29	31.4	33	35	5076	140	20305	300	1.59
AT-625B	25	1	25	26.4	34.5	36.1	38.5	40.9	28	4061	112	16244	340	2.02
AT-632B	31	1 1/4	31.4	33	45	47	49.2	52.4	21	3045	84	12183	460	3.32
AT-638B	38	1 1/2	37.7	39.3	51.4	53.4	55.6	58.8	18.5	2683	74	10732	560	3.7
AT-651B	51	2	50.4	52	64.3	66.3	68.2	71.4	16.5	2393	66	9572	660	5.47



DIN EN857 1SC HYDRAULIC RUBBER HOSE

Construction:

Tube: NBR
Reinforcement: One or two high-tensile steel wire braid
Cover: Oil resistant synthetic rubber,black wrapped cover,
the size from DN 6 to DN 25 can do smooth cover

Main application:

Hose has compact dimensions and tighter bend radius in machinery applications

Applicable medium:

Petroleum based and water glycol hydraulic oil,lubricating oil,emulsion,air and water

Temperature range:

-40 °F to +212 °F (-40°C to +100°C)

DIN EN857 1SC	Size		I.D		W.D		O.D		W.P		B.P		B.R	W.T
	Code	DN	Inch	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa	Psi	mm
AT-106B	6.3	1/4	6.1	6.9	9.6	10.8	12.2	13.5	22.5	3260	90	13050	75	0.18
AT-108B	8	5/16	7.7	8.5	10.9	12.1	13.5	14.5	21.5	3120	86	12470	85	0.21
AT-110B	10	3/8	9.3	10.1	12.7	14.5	15.6	16.9	18	2610	72	10440	90	0.26
AT-113B	12.5	1/2	12.3	13.5	15.9	18.1	19	20.4	16	2320	64	9280	130	0.34
AT-116B	16	5/8	15.5	16.7	19.8	21	22.4	23	13	1885	52	7540	150	0.44
AT-119B	19	3/4	18.6	19.8	23.2	24.4	26	26.7	10.5	1520	42	6090	180	0.54
AT-125B	25	1	25	26.4	30.7	31.9	33.3	34.9	8.8	1280	35	5100	230	0.77
AT-132B	31.5	1 1/4	31.8	32.6	38.5	39.7	41.5	42.4	7.5	1090	30	4150	315	0.93



DIN EN857 2SC HYDRAULIC RUBBER HOSE

Construction:

Tube: NBR
Reinforcement: One or two high-tensile steel wire braid
Cover: Oil resistant synthetic rubber,black wrapped cover,
the size from DN 6 to DN 25 can do smooth cover.

Main Application:

High-pressure service with tight bends for petroleum and water based hydraulic fluids,with excellent impulse performance.Hose has compact dimensions and tighter bend radius than 2SN hose for easy of assembly routing in machinery applications

Applicable medium:

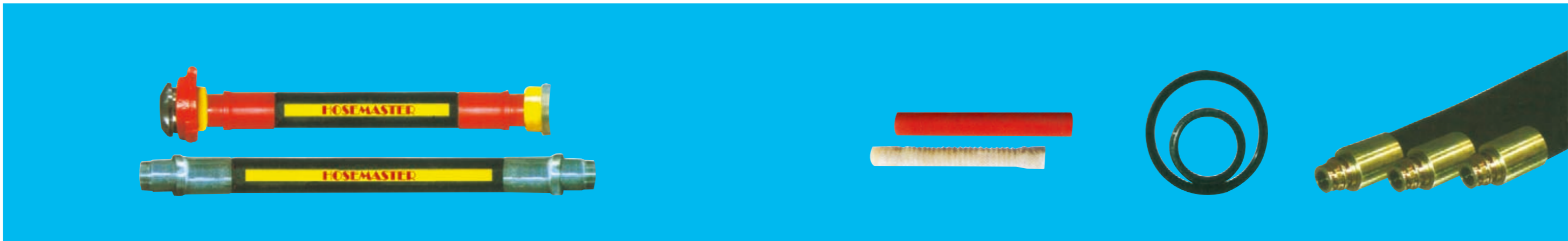
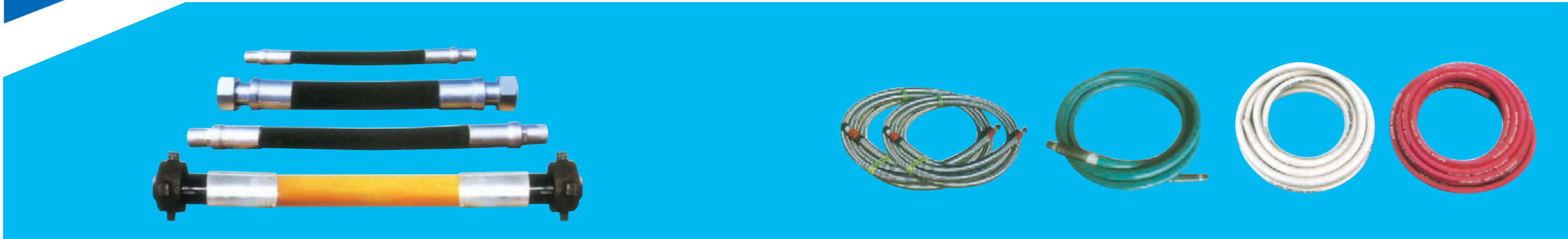
Petroleum based and water glycol hydraulic oil,lubricating oil,emulsion,air and water

Temperature range:

-40 °F to +212 °F (-40°C to +100°C)

DIN EN857 2SC	Size		I.D		W.D		O.D		W.P		B.P		B.R	W.T
	Code	DN	Inch	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa	Psi	mm
AT-206B	6.3	1/4	6.1	6.9	10.6	11.7	13.5	14.2	40	5800	160	23204	75	0.28
AT-208B	8	5/16	7.7	8.5	12.1	13.3	14.7	16	35	5076	140	20304	85	0.33
AT-210B	10	3/8	9.3	10.1	14.4	15.6	17.2	18.3	33	4786	132	19144	90	0.42
AT-213B	12.5	1/2	12.3	13.5	17.5	19.1	20.5	21.5	27.5	3989	110	15956	130	0.52
AT-216B	16	5/8	15.5	16.7	20.5	22.3	23.8	24.7	25	3625	100	14500	170	0.61
AT-219B	19	3/4	18.6	19.8	24.6	26.4	27.6	28.6	21.5	3118	86	12472	200	0.79
AT-225B	25	1	25	26.4	32.6	34.3	35.4	36.6	16.5	2393	66	9572	250	1.1
AT-232B	31.5	1 1/4	31.8	32.6	33.6	35.4	43.5	44.6	15	2175	60	8850	335	1.5

Other Hose Series



Rubber Hose Joint



Hebei Aotong Rubber Product Co.,Ltd

Test Report

NO: SXJZ/XS2015-43

NO: SXJZ/XS2015-43

TEST REPORT

Product Name: Single wire braided hydraulic hose
Subject Units: HEBEI AOTONG RUBBER PRODUCT Co.,Ltd
Authorize Units: HEBEI AOTONG RUBBER PRODUCT Co.,Ltd
Inspect Type: Authorize inspection

Hebei Province Rubber And Plastic Products Quality Supervision
And Inspection Center(Hengshui)

Name	single wire braided hydraulic hose	Specification	1 inch
Production Date	2016.09.17	Test Date	2016.09.19
Carried Standard	DINEN853	Lot No.	20160917
No.	Test Item	Test Standard	Test Result
1	Appearance	No wire exposed,Unusual phenomena are not allowed, such as bubble, gap, sponge, degumming, wire explosion etc.	Appearance no scratch
2	Size	OD:35.6±1.0 ID:33.3±0.5 Concentric, FIR ID to OD: ≤1.3	OD:36.1 ID:33.3 Concentric, FIR ID to OD: 0.8
3	Low pressure sealing performance	Proof pressure is 1 Mpa.Pressure maintaining 5min. Hose no leakage.	no leakage(hose)
	High pressure sealing performance	Proof pressure is 12Mpa.Pressure maintaining 1min. Hose no leakage and damage.	no leakage and damage(hose)
4	Change in length (%)	The changing rate of hose length should not be exceed +2-4% at the design pressure.	The changing rate of hose length is -1.0%
5	Burst test	The burst pressure is 4 times the design pressure, proof pressure is 32 Mpa, Pressure maintaining 1min, should not have any breakdown phenomena. Then increase pressure to burst.	Increase pressure to 34 Mpa then hose burst.
6	Flame test	The flame burning time is not more than 30 seconds.	4S
7	Anti-static test	The measured resistance should not exceed $25 \times 10^8 / d(\Omega)$, is $0.72 \times 10^8 \Omega$	The resistance value is $0.71 \times 10^7 \Omega$
Test Conclusion		This sample base on SAE 100R1 standard for test and pass the test at last	

Approver:

Verifier :

Main inspect:

PACKING
&
EXPORTATION



























Tianjin Port



Quick
Delivery

EXPORTATION
CASE

Our Key Customer Export History					
No	Country	Flag	Year	Specification	Order QTY
1	U.S.A		2000	3/8, 5/16	4000m
2	India		2000	3/4, 1 1/2	27tons
3	Mexico		2001	1/4,1/2	8000m
4	Peru		2002	2	15000m
5	Pakistan		2002	1/4,3/8,5/16	26tons
6	Russia		2003	5/16,2	2500m
7	Ecuador		2003	1 1/4	6300m
8	Venezuela		2003	3/8,1 1/2	20000m
9	Kenya		2003	5/16,5/8	5250m
10	Italy		2004	1/2, 1 1/2	15400m
11	Portuguesa		2005	3/8,3/4,1	18900m
12	Spain		2006	3/8,5/16	28500m
13	Germany		2006	3/4,1 1/2	11000m
14	Holland		2007	1/4,1/2,2	15tons
15	Turkey		2008	3/4,1/2	7300m
16	Australia		2008	3/4,5/8,1 1/4	51tons
17	Chile		2009	5/8,1	5800m
18	Canada		2010	5/16,3/8,3/4	16200m
19	Korea		2011	1/4,3/4	9500m
20	Japan		2012	3/4,5/8,1 1/2	14500m
21	Thailand		2013	3/8,1/2	8000m
22	Indonesia		2014	1/4,3/8,2	16900m
23	Brazil		2015	3/8,5/8,1,2	27tons
24	South Africa		2016	1/4,3/4,1/2	26000m

HOW TO VISIT FACTORY



HOW TO REACH US

HEBEI AOTONG RUBBER PRODUCT CO.,LTD is located in Jing Country,Hengshui City,Hebei Province,China.
How to come to visit our factory? See bellows:



1. From Beijing to Dezhou East railway station by fast train
(1.5 hours on the way for the best way)
2. From Shanghai to Dezhou East railway station by fast train
(4.5 hours on the way for the best way)



3. From Beijing/Shanghai/Guangzhou to Shijiazhuang Airport by plane



4. We will arrange car to pick you up no matter arrive Dezhou East railway station or Shijiazhuang Airport