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HDPE DREDGING PIPE

JUNXING PIPE FOR BETTER LIFE!

TIANJIN JUNXING
PIPE GROUP
CO., LTD.

www.junxingpipe.com



China Well-known
Trademark

JUNXING PIPE FOR BETTER LIFE!



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INTRODUCTION OF JUNXING

TIANJIN JUNXING PIPE GROUP CO., LTD.

Tianjin Junxing Pipe Group Co., Ltd is high technology enterprise which integrates researching and developing, manufactures of plastic pipes and fittings, engineering, trading and marketing. Junxing was established in 2001, and is leading in domestic piping field.

Junxing, the top10 manufacturer of plastic pipe and fitting in China. junxing products mainly include HDPE pipe and fitting, HDPE double wall corrugated pipe, PPR pipe and fitting, underfloor heating pipe and fitting, multilayer pipe and fitting. Junxing has achieved certificates of CE, GOST, BV, ISO 9001, ISO14001 and ISO18001 etc.

Junxing Pipe Group Co.,Ltd is located at Fuyuan Economic Development Area in WuQing District, Tianjin City. Junxing produces pipe and fitting made of polyethylene, polypropylene, polybutylene. We source first class material such as LG, LyondellBasell, Borealis, Hyosung etc.



JUNXING HONORS

- China Well-known Trademark
- Top 10 brands of plastic pipe and fitting
- National Inspection-exemption Products
- New Hi-tech Enterprises

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ENTERPRISE CULTURE

COMPANY AIMS:

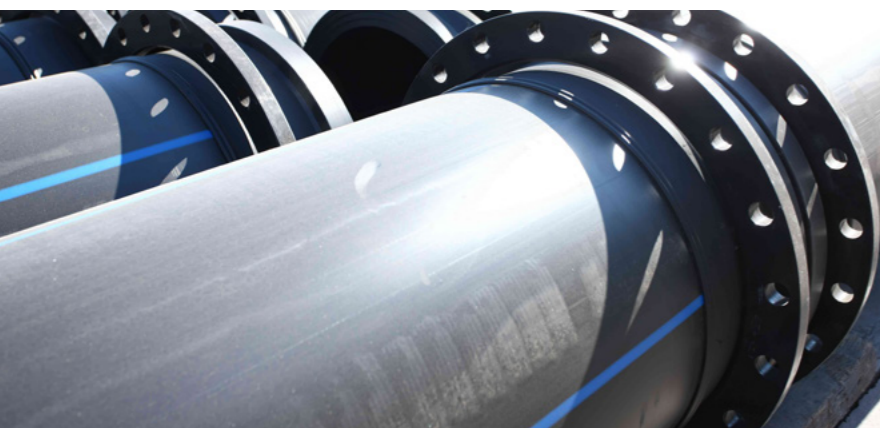
Honesty and trustworthiness, good quality and customer satisfaction.

MANAGEMENT PHILOSOPHY:

Innovation of management, technology and products.

STRATEGIC OBJECTIVES:

Constant pursuits, innovative development.



PRODUCTION

JunXing has powerful manufacture capacity, owns advanced manufacturing equipments and techniques, automatic production control system.

And excellent test methods and equipments, all these make it possible to provide high-quality pipes and fittings.

DEVELOPMENT EFFORTS

According to standard, our company formulates strict test regulations to ensure that products passing rate of 100% in the Product Inspection Centre.

We have over 20 test instruments which have reached the leading domestic level.



GLOBAL PARTNER

Junxing is based on domestic market, developing sales network all over the world. we have already exported to Bangal, Nigeria, Germany, Sweden, America, Brazil, Australia, South Africa, Algeria, etc.

Over the decades, Junxing has come to be acknowledged as a reliable partner, Sincerely hope we can establish win-win cooperation in near future.

JUNXING PIPE FOR
BETTER LIFE!



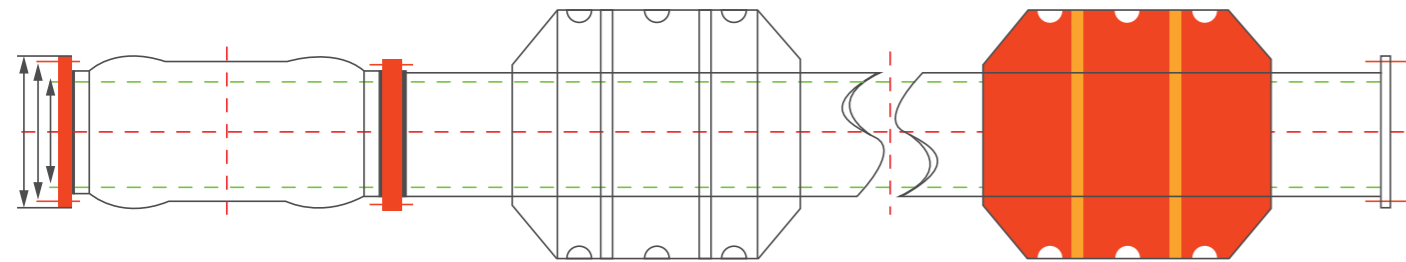
DREDGING PIPELINE

We have great experience in producing dredging pipeline, dredging mud rubber hose, dredging suction rubber hose, dredging plastic pipe and plastic floater. Particular focus on supporting the entire dredging pipeline products' design and development, we have a professional workshop for dredging rubber hose, plastic pipes, plastic floaters mold design and manufacturing.

Specification and size can be changed according to the customers' demands.

The entire dredging pipeline's design, production and transportation are all completed by our organization, as long as the customers provide us with some parameters, they must be satisfied with our high-quality dredging pipeline.

We can design the entire dredging pipeline according to customers' demands. Our entire dredging pipeline has many advantages: good flexibility, super wear-resistant, low transport resistance, super buoyant, easy to install and reusable, etc. So our dredging pipeline can be used for a long time and difficult to sink. Customers will achieve the perfect result and the lowest cost if choose us.

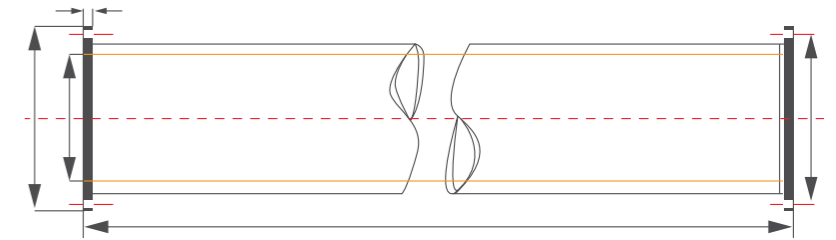


HDPE DREDGING PIPE



With non-toxic, odorless, good heat and cold resistance, this pipe is made from high molecular polyethylene by one time. It has high rigidity and toughness, with little resistance but high mechanical strength. It has ultra-high wear resistance, abrasion degree is 4-8 times of steel pipe, useful life can reach more than five years. It is very light so it's easy to install and transport and then save construction time.

Total Length $\leq 12m$; Working Pressure and Flanges can be customized.



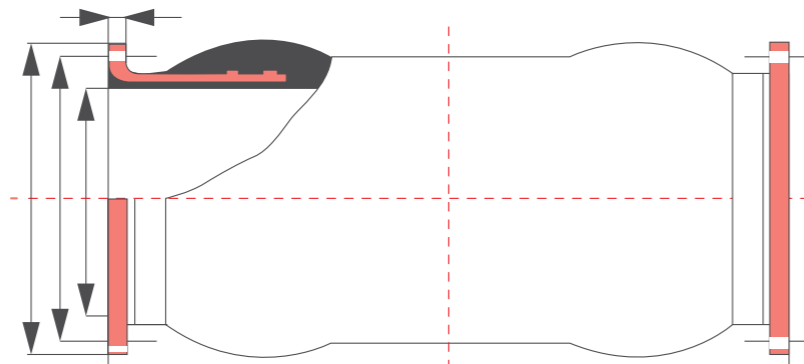
NOMINAL DIAMETER	NOMINAL WALL THICKNESS EN				
	SDR26	SDR21	SDR17	SDR13.6	SDR11
	Nominal pressure (Mpa)				
	0.6	0.8	1.0	1.25	1.6
110	4.2	5.3	6.6	8.1	10.0
125	4.8	6.0	7.4	9.2	11.4
140	5.4	6.7	8.3	10.3	12.7
160	6.2	7.7	9.5	11.8	14.6
180	6.9	8.6	10.7	13.3	16.4
200	7.7	9.6	11.9	14.7	18.2
225	8.6	10.8	13.4	16.6	20.5
250	9.6	11.9	14.8	18.4	22.7
280	10.7	13.4	16.6	20.6	25.4
315	12.1	15.0	18.7	23.2	28.6
355	13.6	16.9	21.1	26.1	32.2
400	15.3	19.1	23.7	29.4	36.3
450	17.2	21.5	26.7	33.1	40.9
500	19.1	23.9	29.7	36.8	45.4
560	21.4	26.7	33.2	41.2	50.8
630	24.1	30.0	37.4	46.3	57.2
710	27.2	33.9	42.1	52.2	64.5
800	30.6	38.1	47.4	58.8	72.6
900	34.4	42.9	53.3	66.2	81.7
1000	38.2	47.7	59.3	72.5	90.2
1200	45.9	57.2	70.0	88.2	--
1400	53.5	66.7	82.4	102.9	--
1600	61.2	76.2	94.1	117.6	--

RUBBER HOSE



Dredging rubber mud hose and suction hose are made from natural rubber, strong textile fibers, steel skeleton and synthetic rubber which produced by multi-channel production process. With superior abrasion resistance, high working pressure and strong flexibility, they can be bent freely in the water and used for long time. Flanges are fixed on both sides of the dredging rubber hose. So it's easy and quickly to install.

**Total Length ≤10m;
Working Pressure
and Flanges can be customized.**

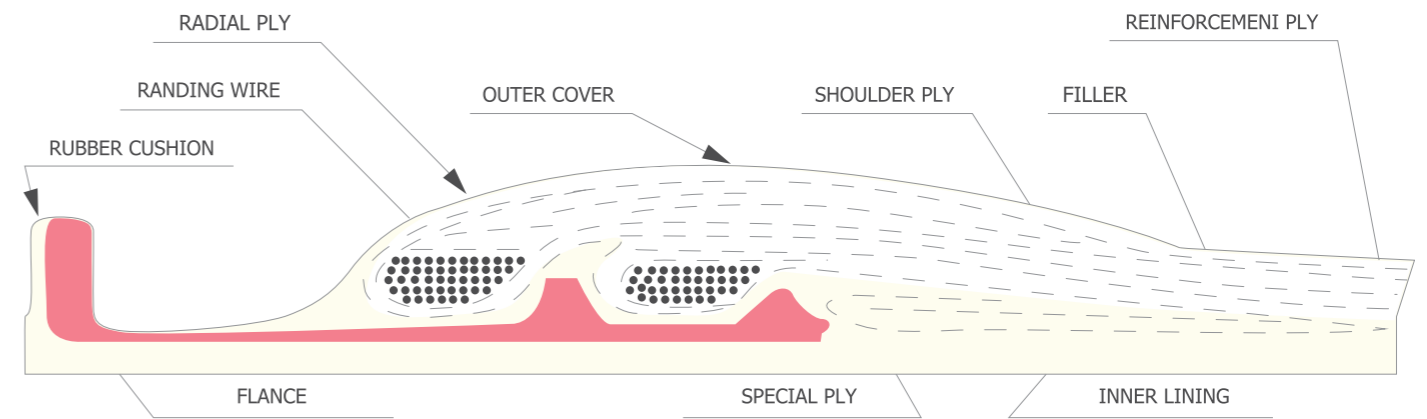


FLANGED RUBBER MUD SUCTION DREDGING HOSE SPECIFICATION TABLE					
Standard Size		Working Pressure (MPa)	Standard Size		Working Pressure (MPa)
Inner diameter (mm)	Total Length (mm)		Inner diameter (mm)	Total Length (mm)	
100	1000	1.0	556	1500	1.8
150	1000	1.0	606	1500	1.8
200	1200	1.0	650	1600	1.8
250	1200	1.2	706	1800	1.8
300	1200	1.2	756	1800	2.0
350	1200	1.2	800	2000	2.0
406	1200	1.5	850	2000	2.5
456	1300	1.5	900	2000	2.8
506	1400	1.6	--	--	--

Total Length≤10m;
Working Pressure and Flanges can be customized

FLANGED RUBBER MUD SUCTION DREDGING HOSE PERFORMANCE

Project	Index		Pilot Project	Test Pressure	Index
	Inner Rubber layer	Outer Rubber Layer			
Tensile strength (MPa) ≥	120	10	Compression rate of length changed	Maximum Working pressure	±10
Elongation at break % ≥	450	420		1.5 times working pressure	±15
Hot air aging 70°C×72h	Tensile Strength: %	+25—25	Outside diameter of the pressure change rate	Maximum working pressure	±5
	Elongation At break: %	+10—30		1.5 times working pressure	±7.5



FLOATER



The floater is made from the rotational molding by one time. It is made up by strong MDPE shell with the special foam filling inside. So it can be attached around the hoses and will never absorb the sea water. Float is very light and easy to be installed; It is flexible and difficult to be broken. Floater has big buoyancy so it helps the dredging pipe keep floating on the sea. Floater is orange color with eye-catching in order to reduce accidents on the sea. Specification and size can be customized.



FLANGED RUBBER MUD SUCTION DREDGING HOSE PERFORMANCE			
Item	Technical index of hull	Item	Inside technical index
Tensile strength	≥13.1Mpa	Water absorption	1-2g/100cm ²
Break Elongation	≥11.1%	Breaking strength	0.08-0.1MPa
Impact strength	≥32.4KJ/M ²	Breaking elongation	4-6%
Bending strength	≥15.7MPa	Compressive strength	0.1-0.24MPa
Shell density	0.918-0.922g/m ³	Filler density	45kg/m ³
Oxidative induction time 200°Cmm≥			10
Weather resistance after total energy≥3.5GJ/M ²			

FLOAT SPECIFICATION TABLE

Nominal diameter (mm)	Floater inside diameter (mm)	Floater outside diameter (mm)	Length of floater (mm)	Buoyancy (kg)
100	130	500	500	90
150	180	500	800	140
200	230	600	700	170
250	280	700	900	340
300	330	1000	1000	500
350	380	1100	1100	550
400	430	1200	1200	1100
450	480	1300	1300	1150
500	530	1300	1400	1300
550	580	1400	1500	1600
600	630	1450	1650	1900
650	680	1500	1800	2100
700	730	1600	1900	2200
750	780	1700	1900	2700
800	830	1800	2000	3100
850	880	2000	2500	4600
900	930	2200	2600	5000

