

DRD GROUP BROCHURE

Serve the society
Achive employees
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TIANJIN DINGRUNDA GROUP CO.,LTD

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Website: www.drdcn.com



CERTIFICATE

Quality Management Systems Certificate

Certificate Number: 06220Q2O766R0S

CQM hereby certifies that

Tianjin Dingrunda Group Co.,Ltd.

has implemented and maintains a Quality Management System which fulfils the requirements of the following standards

GB/T 19001-2016/ISO 9001:2015

Quality management systems---Requirements

This certificate is valid to the following product(s)/service:

Production of HDPE pipe, HDPE double wall corrugated pipe, HDPE honeycomb pipe, MPP pipe, PVC pipe

Issued on: 2020-03-06

Effective date: 2020-03-06

Validity date: 2023-03-05

Registration Number: CQM-13-2019-0116-0001

CHINA QUALITY MARK CERTIFICATION GROUP



IQNet

THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

CQM has issued an IQNet recognised certificate that the organization:

Tianjin Dingrunda Group Co., Ltd

Certification Add: South of Nanqin-Xia Railway, Fuzhuqiao Village, Xiangxiandhuang Township, Baoting City, Langfang City, Hebei, P.R.China

for the following scope:

Production and related management activities of HDPE water supply pipe, MPP electrical pipe, type-II HDPE winding structure-wall pipe (Krah pipe), HDPE double wall corrugated pipe

has implemented and maintains a

Occupational Health and Safety Management System

which fulfils the requirements of the following standard:

ISO 45001:2018

Issued on:2022-05-11

Expires on: 2025-05-10

Registration Number: CN-00222S2131R0S

Alex Stoichitoiu
President of IQNet

Ji XiaoDong
General Manager of CQM



CERTIFICATE

Occupational Health and Safety Management Systems Certificate

Certificate Number: 3022S5C0433R0S

CQM hereby certifies that

Tianjin Dingrunda Group Co., Ltd

has implemented and maintains a Occupational Health and Safety Management System which fulfils the requirements of the following standards

ISO 45001:2018

Occupational health and safety management systems -- Requirements with guidance for use

This certificate is valid to the following product(s)/service:

Production and related management activities of HDPE pipe, HDPE double wall corrugated pipe, HDPE honeycomb pipe, MPP pipe, PVC pipe

Issued on: 2020-03-06

Effective date: 2020-03-06

Validity date: 2023-03-05

Registration Number: CQM-13-2019-0116-0003

CHINA QUALITY MARK CERTIFICATION GROUP



IQNet

THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

CQM has issued an IQNet recognised certificate that the organization:

Tianjin Dingrunda Group Co., Ltd

Certification Add: South of Nanqin-Xia Railway, Fuzhuqiao Village, Xiangxiandhuang Township, Baoting City, Langfang City, Hebei, P.R.China

for the following scope:

Production and related management activities of HDPE water supply pipe, MPP structural pipe, type-II HDPE winding structure-wall pipe (Krah pipe), HDPE double wall corrugated pipe

has implemented and maintains a

Environmental Management System

which fulfils the requirements of the following standard:

ISO 14001:2015

Issued on:2022-05-11

Expires on: 2025-05-10

Registration Number: CN-00222E3143R0S

Alex Stoichitoiu
President of IQNet

Ji XiaoDong
General Manager of CQM



阿里巴巴国际站·北方大区

天津鼎润达科技有限公司

SKA 超级领军

2024年8月

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检 测 报 告

Test Report

报告编号：JS2022T0490

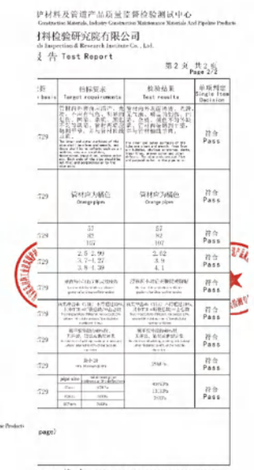
样品名称：uPVC pipe

委托单位：天津鼎润达科技有限公司 Tianjin Dingrunda Technology Co.,Ltd

受检单位：天津鼎润达科技有限公司 Tianjin Dingrunda Technology Co.,Ltd

生产单位：天津鼎润达科技有限公司 Tianjin Dingrunda Technology Co.,Ltd

检验类别：型式检验 Type inspection



Test Report

第 2 页 共 2 页

序号	检验要求 Target requirements	检验结果 Test results	单项判定 Single Item Decision
7.2.9	管材应为橙色 Orange pipe	管材应为橙色 Orange pipe	符合 Pass
7.2.9	27	22	符合 Pass
7.2.9	2.9 2.99 3.1 3.09 3.9 4.1	2.62 3.19 4.1	符合 Pass
7.2.9	20.0	20.0	符合 Pass
7.2.9	外观：白色，内壁光滑，无异味，无可见杂质	符合	符合 Pass

page)

***** 结 束 *****

The end



北京建筑材料检验研究院有限公司

检 测 报 告 Test Report

报告编号 Report no	JS2022T0490		第 1 页 共 2 页 Page 1/2
委托单位 Applicant	天津鼎润达科技有限公司	检验类别 Test Type	型式检验 Type inspection
受检单位 Inspected Entity	天津鼎润达科技有限公司	收样日期 Consign Date	2022.08.13
工程名称及使用部位 Engineering Name and Application Part	——	检测日期 Accept Date	2022.08.15~2022.08.31
样品名称 Sample Name	uPVC pipe	样品数量 Sample Quantity	10m
型号/规格 Specification/Type	DN57 DN82 DN107	样品等级 Grade	——
生产单位 Manufacturer	天津鼎润达科技有限公司	样品状态 Sample State	完好 Good
生产日期/编号 Production Date/Lot No	——	商标 Trade Mark	——
检测依据 Testing basis	详见表格下 See the data page for details		
判定依据 The basis of the decision	ASTM D2729		
检测项目 Test item	外观，颜色，几何尺寸，坑痕等，环刚强度（评价试验），弯曲，扁平性能，环刚度 Appearance, Color, Geometric Size,Resistance to Acetone, Res istance to Lateral Stress(Impact Test),Flattening, Tensile Strength,Pipe Stiffness		
检测结论 Test Conclusion	该样品经检测，所检项目符合 ASTM D2729 The test results of the sample show that the tested items are in agreement with each other ASTM D2729		
附注 (Remarks)：	本报告结果仅对检测样品负责 This test result is only responsible for the sample		

批准：刘炜 Approved by　审核：[illegible] Inspected by　主检：陈宗 Tested by



Supplier Assessment

Supplier Assessment Certificate

Certification No.: 18614542_T

Tianjin Dingrunda Technology Co., Ltd.

天津鼎润达科技有限公司

http://tjdingrunda.en.alibaba.com

Onsite assessment of the following area was conducted by SGS

- Company Overview
- Human Resources
- Current Export Business
- Export Business Capacity
- Production Capacity
- Quality Assurance
- Production Process Management
- R&D Capacity
- Company Development / Advance Plans
- Production Flow
- Certification & Photos
- Company and Product Samples

Valid: 18 Jan. 2019 to 17 Jan. 2020

Issued by: Alibaba.com　Assessed by: SGS

Date of Issue: 17 Jan. 2019　Certificate No.: 18614542_T

Signature:

Title: China Domestic Market Dept. Director



Alibaba.com Assessed Supplier

Supplier Assessment

Certificate Number: 18614542_T

Presented to

Tianjin Dingrunda Technology Co., Ltd.

天津鼎润达科技有限公司

For Details, please refer to: http://tjdingrunda.en.alibaba.com

Onsite assessment was conducted for Tianjin Dingrunda Technology Co., Ltd. by SGS

Assessed by Tony Zhang on 17 Jan. 2019. Valid from 18 Jan. 2019, Valid until 17 Jan. 2020

Signature:

Title: Chairman & Retail Dept. Director

Alibaba.com　SGS



检 验 报 告

TEST REPORT

报告编号：JS2023G0879

样品名称：PE给水管

委托单位：天津鼎润达集团有限公司

检验类别：委托检验

国家建筑材料工业建筑围护材料及管道产品质量监督检验测试中心

National Building Material Industry Enclosure Material and Pipeline Production Quality Supervision and Test Center



REPORT)

检验类别 Test Type	委托检
委托日期 Consign Date	2023年01
末耗日期 Accept Date	2023年01
样品数量 Sample Quantity	5组
样品等级 Grade	——
样品状态 Sample State	完好
商标 Trade Mark	——

聚乙烯（PE）管道系统 第2部

计长率，纵向回缩率，氧化诱

静液压强度（80℃，165h）

日符合GB/T 13663.2-2018《给水

管材》的指标要求。

首发 2023年01月

主检：

企业信用等级证书

ENTERPRISE CREDIT EVALUATION CERTIFICATE

天津鼎润达集团有限公司

AAA



企业资信等级证书

ENTERPRISE CREDIT EVALUATION CERTIFICATE

天津鼎润达集团有限公司

AAA



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天津鼎润达科技有限公司

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天津金橙时代科技有限公司

2019年12月



2019 数字平台

创新奖

天津鼎润达科技有限公司

阿里巴巴 | 合作伙伴

天津金橙时代科技有限公司

2019年12月

COMPANY INTRODUCTION

Tianjin Dingrunda Group Co., Ltd was founded in 2003, which is engaged in manufacturing, processing, supplying and exporting an unparalleled range of plastic pipes and fittings, such as HDPE pipes&fittings for water supply, HDPE pipes&fittings for siphon drainage, HDPE pipes&fittings for gas supply, HDPE pipes&accessories for dredging, SRTP pipes&fittings for water supply, PP-R pipes for hot and cold water delivery, PVC-U/PVC-UH pipes&fittings for water supply and drainage, Double wall corrugated HDPE pipes for drainage, Steel belt reinforced HDPE double wall corrugated pipes for drainage, HDPE krah pipes for drainage, HDPE pipes for communication cable protection, MPP pipes for electrical communication cable protection, MPP double wall corrugated pipes for eletrical communication cable protection, CPVC pipes for electrical cable protection, FRP pipes for electrical cable protection, PVC insulated electrical pipes and so on.

Our unmatched expertise enables us to serve our clients with utmost accuracy than our industry competitors. With more than 21 years' hardwork, we have established ourselves as a reliable and worthy supplier of plastic pipes and fittings. We ensure that the quality of our range meets the requirements of our clients. Further the expertise of our team as well as superior infrastructural setup ensures that our assortment is precision finished and meets the exacting requirements of our clients. We are committed to excellence and innovation, and have our eyes on the market strategies and trends. Our range is offered to our clients in various specifications of working pressure, length and diameters. These pipes and fittings are conform to various national and international quality standards.(ISO 45001:2018;ISO 9001:2015;ISO 14001:2015) We aim to provide complete customer satisfaction and increase our turnover.

We cater basically to European countries, North America countries, Sout America countries, Oceania countries, Asian countries, Middle East, African countries and supply all over China under the able guidance of our company' s long-term planning strategy and view of honest and trustworthy value. Welcome customers to visit our factory, and go forward hand in hand with us!

20+ 20 YEAR'S EXPERIENCE

30000+ 30000 TONS PRODUCTION CAPACITY

30+ 30 EXPORT COUNTRIESY

200+ 200 STAFFS



CONTENTS

1.HDPE Pipe For Water Supply P1

2.HDPE Corrugated Pipe For Drainage P7

3.HDPE Pipe For Gas Supply P9

4.HDPE Porous Plum Pipe P10

5.HDPE Dredging Pipe P11

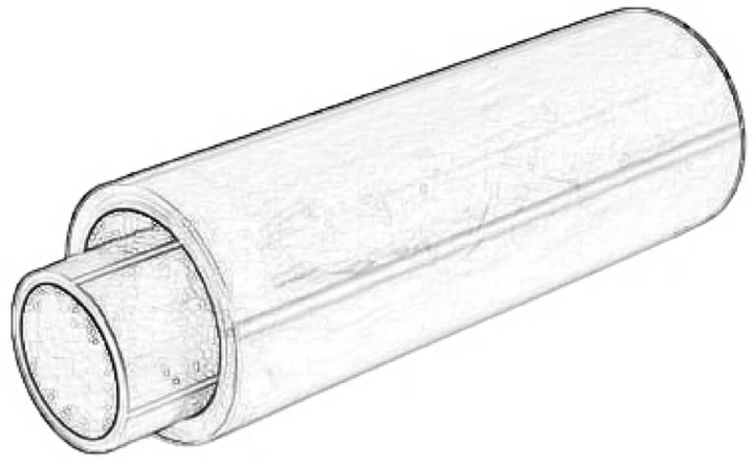
6.HDPE Silicon Core Pipe P13

7.HDPE Krah Pipe P14

8.HDPE Steel Wire Reinforced Pipe P15

9.Steel belt HDPE double wall corrugated pipe P17

10.HDPE Fittings P19



HDPE Pipe For Water Supply

Product feature

01 Non-toxic.
The HDPE material is non-toxic and tasteless. It belongs to green building materials and never scaling through the strict health test, which can effectively improve the water quali.

02 Low flow resistance.
The Smooth inner wall is easy for plpeline transportation Under the same condition, HDPE pipesl delivery capacity can be increased by 30%, as its roughness is much less than that of steel pipe and glass reinforced pipe.

03 No Leakage.
HDPE pipe is connected in the ways of butt fusion, socket fusion and electrofusion, which means thes-trength of joint point is higher than tube itself.

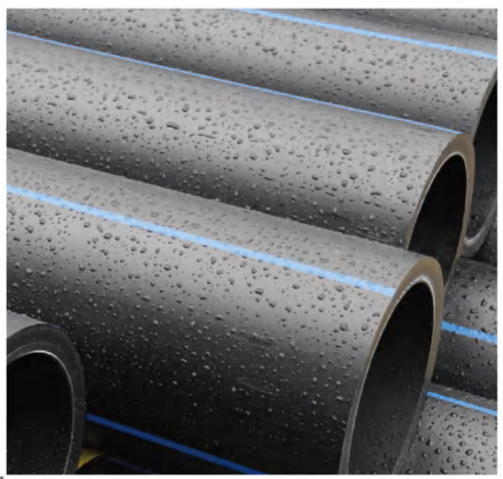
04 Excellent Flexibility.
HDPE pipes could be coiled for the small diameter products. Also, it could be slightly bended for thell large diameter products, which will be much more convenient in the construction site.

05 Good resistance ability for scratch.
HDPE pipe is 4 times the wear resistance of steel pipe, which means HDPE pipe haslonger service life and better economical efficiency.

06 Convenient for construction.
PE pipe could be installed in a variety of trenchless ways, so it is very convenient for construction and installation.

07 Long life.
Long life-span Designed 50 years service life under rated temperature and pressure.

08 Lower operation and maintenance costs.
HDPE pipe is not only convenient to transport and install, but also greatly reduce the worker s labor intensity and improve work efficiency.





Application field

01 Urban area water-supply work system.
Large diameter HDPE pipe is healthy and non-toxic and more suitable for urban water supply main conduit and buried tube.

02 Reconstruction of pipe network in old city.
Replace cement tube, iron pipe and steel tube. Applicable for renovation project and does not need large area excavation, HDPE pipe can be widely used in old town of pipe network reconstruction.

03 Industrial materials transmission pipe.
Chemical industry, chemical fiber, food, forestry, pharmacy, light industry andpapermaking, metallurgi-cal and other industrial raw material conveying pipe.

04 Landscaping water supply network.
As landscaping project needs lots of water supply pipes, HDPE pipe is the best choice for itstoug hness and low costs.

05 Sewage discharge pipes.
HDPE pipe have unique corrosion resistance, can be used as industrial wastewater and sewage discharged pipe.

06 Ore and mud transfer.
Ore and mud transfers HDPE pipe has high resistance to stress and wear resistance, can be widely applied in conveying ore,coal ash and river bait-casting mud.

07 Agricultural irrigation
Agricultural irrigation pipe HDPE pipe has the merits of great flow and good impact resistance, it is the ideal tool for agricultural irrigation.

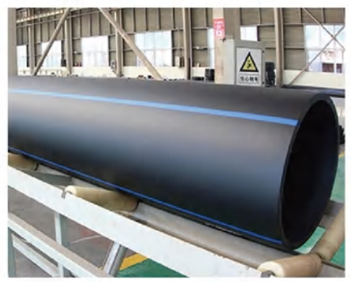
HDPE drainage pipes are suitable for low-pressure underground drainage and sewage, conveying soil and wastewater generated by life and industry as well as surface water.

High quality raw material is the core of the product.

Our products are manufactured by excellent materials like BOREALIS, BASELL.TOTAL. DAELIM, SABIC, etc, which ensure the quality satisfying your demand.













Water Supply Pipe (PE100)

ISO4427 / AS/NZS 4130 / DIN8074, EN12201, GOST 18599, GB/T 13663

Nominal Pressure	0.6MPa	0.8MPa	1.0MPa	1.25MPa	1.6MPa
SDR	SDR26	SDR21	SDR17	SDR13.6	SDR11
DN (mm)	Thickness (mm)	Thickness (mm)	Thickness (mm)	Thickness (mm)	Thickness (mm)
16	—	—	—	—	2.0
20	—	—	—	2.0	2.3
25	—	—	—	2.0	2.3
32	—	—	2.3	2.4	3.0
40	—	2.3	2.3	3.0	3.7
50	—	2.3	2.9	3.7	4.6
63	2.3	3.0	3.6	4.7	5.8
75	2.9	3.6	4.5	5.6	6.8
90	3.5	4.3	5.4	6.7	8.2
110	4.2	5.3	6.6	8.1	10.0
125	4.8	6.0	7.4	9.5	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	57.3
710	27.2	33.9	42.1	52.2	—
800	30.6	38.1	47.4	58.8	—
900	34.4	42.9	53.3	—	—
1000	38.2	47.7	59.3	—	—
1200	45.9	57.2	7.06	—	—
1400	53.9	66.7	82.4	—	—
1600	61.2	76.2	94.1	—	—
1800	69.1	85.7	105.9	—	—

ASTMF714 Outside Diameters and Tolerances IPS Sizing System (ANSI B36.10)

Nominal Pipe Size, in.	Equivalent, mm	Actual Outside Diameters, in.	
		Average	Tolerance ± in.
3	88.9	3.500	0.016
4	114.3	4.500	0.020
5[A]	136.5	5.375	0.025
5	141.3	5.563	0.025
6	168.3	6.625	0.030
7[A]	181.0	7.125	0.034
8	219.1	8.625	0.039
10	273.1	10.750	0.048
12	323.8	12.750	0.057
13[A]	339.7	13.375	0.060
14	355.6	14.000	0.063
16	406.4	16.000	0.072
18	457.2	18.000	0.081
20	508.0	20.000	0.090
21.5[A]	546.1	21.500	0.097
22	558.8	22.000	0.099
24	609.6	24.000	0.108
26	660.4	26.000	0.117
28	711.2	28.000	0.126
30	762.0	30.000	0.135
32	812.8	32.000	0.144
34	863.6	34.000	0.153
36	914.4	36.000	0.162
42	1066.8	42.000	0.189
48	1219.2	48.000	0.216
54	1371.6	54.000	0.243

[A] Irregular size.

ASTMF714 Outside Diameters and Tolerances-DIPS Sizing System

Nominal Size	Outside Diameter, in (mm)	Minimum Outside Diameter, in. (mm)	Maximum Outside Diameter, in. (mm)
3	3.960 (100.58)	3.942 (100.13)	3.976 (100.99)
4	4.800 (121.92)	4.778 (121.37)	4.822 (122.48)
6	6.900 (175.26)	6.869 (174.47)	6.931 (176.05)
8	9.050 (229.87)	9.009 (228.84)	9.091 (230.91)
10	11.100 (281.94)	11.050 (280.67)	11.150 (283.21)
12	13.200 (335.28)	13.141 (333.77)	13.259 (336.78)
14	15.300 (388.62)	15.231 (386.87)	15.369 (390.37)
16	17.400 (441.96)	17.322 (439.97)	17.478 (443.94)
18	19.500 (495.30)	19.412 (493.07)	19.588 (497.54)
20	21.600 (548.64)	21.503 (546.17)	21.697 (551.10)
24	25.800 (655.32)	25.684 (652.37)	25.916 (658.27)
30	32.000 (815.80)	31.856 (809.14)	32.144 (816.46)
36	38.300 (972.82)	38.128 (968.44)	38.472 (977.19)
42	44.500 (1130.30)	44.300 (1125.21)	44.700 (1135.38)
48	50.800 (1290.32)	50.571 (1284.51)	51.029 (1296.14)

D3035 – 15

ASTM D3035 IPS Pipe[A] Minimum Wall Thickness and Tolerance

IPS Size	DR 32.5		DR 26		DR 21		DR 17		DR 15.5		DR 13.5		DR 11		DR 9		DR 7	
	Min.	Tol.[B]	Min.	Tol.[B]	Min.	Tol.[B]	Min.	Tol.[B]	Min.	Tol.[B]	Min.	Tol.[B]	Min.	Tol.[B]	Min.	Tol.[B]	Min.	Tol.[B]
	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)
½	...	...	...	...	...	...	...	...	...	...	0.062 (1.57)	0.020 (0.51)	0.076 (1.93)	0.020 (0.51)	0.093 (2.36)	0.020 (0.51)	0.120 (3.05)	0.020 (0.51)
¾	...	...	...	...	...	...	0.062 (1.57)	0.020 (0.51)	0.068 (1.73)	0.020 (0.51)	0.078 (1.98)	0.020 (0.51)	0.095 (2.41)	0.020 (0.51)	0.117 (2.97)	0.020 (0.51)	0.150 (3.81)	0.020 (0.51)
1	...	...	0.062 (1.57)	0.020 (0.51)	0.063 (1.60)	0.020 (0.51)	0.077 (1.96)	0.020 (0.51)	0.085 (2.16)	0.020 (0.51)	0.097 (2.46)	0.020 (0.51)	0.120 (3.05)	0.020 (0.51)	0.146 (3.71)	0.020 (0.51)	0.188 (4.78)	0.023 (0.58)
1¼			0.064 (1.63)	0.020 (0.51)	0.079 (2.01)	0.020 (0.51)	0.098 (2.49)	0.020 (0.51)	0.107 (2.72)	0.020 (0.51)	0.123 (3.12)	0.020 (0.51)	0.151 (3.84)	0.020 (0.51)	0.184 (4.67)	0.022 (0.56)	0.237 (6.02)	0.028 (0.71)
1½	0.062 (1.57)	0.020 (0.51)	0.073 (1.85)	0.020 (0.51)	0.090 (2.29)	0.020 (0.51)	0.112 (2.84)	0.020 (0.51)	0.123 (3.12)	0.020 (0.51)	0.141 (3.58)	0.020 (0.51)	0.173 (4.39)	0.021 (0.53)	0.211 (5.36)	0.025 (0.64)	0.271 (6.88)	0.033 (0.84)
2	0.073 (1.85)	0.020 (0.51)	0.091 (2.31)	0.020 (0.51)	0.113 (2.87)	0.020 (0.51)	0.140 (3.56)	0.020 (0.51)	0.153 (3.89)	0.020 (0.51)	0.176 (4.47)	0.021 (0.53)	0.216 (5.49)	0.026 (0.66)	0.264 (6.71)	0.032 (0.81)	0.339 (8.61)	0.041 (1.04)
3	0.108 (2.74)	0.020 (0.51)	0.135 (3.43)	0.020 (0.51)	0.167 (4.24)	0.020 (0.51)	0.206 (5.23)	0.025 (0.64)	0.226 (5.74)	0.027 (0.69)	0.259 (6.58)	0.031 (0.79)	0.318 (8.08)	0.038 (0.97)	0.389 (9.88)	0.047 (1.19)	0.500 (12.70)	0.060 (1.52)
4	0.138 (3.51)	0.020 (0.51)	0.173 (4.39)	0.021 (0.53)	0.214 (5.44)	0.026 (0.66)	0.265 (6.73)	0.032 (0.81)	0.290 (7.37)	0.035 (0.89)	0.333 (8.46)	0.040 (1.02)	0.409 (10.39)	0.049 (1.24)	0.500 (12.70)	0.060 (1.52)	0.643 (16.33)	0.077 (1.96)
6	0.204 (5.18)	0.024 (0.61)	0.255 (6.48)	0.031 (0.79)	0.315 (8.00)	0.038 (0.97)	0.390 (9.91)	0.047 (1.19)	0.427 (10.85)	0.051 (1.30)	0.491 (12.47)	0.059 (1.50)	0.602 (15.29)	0.072 (1.83)	0.736 (18.69)	0.088 (2.24)	0.946 (24.03)	0.114 (2.90)
8	0.265 (6.73)	0.032 (0.81)	0.332 (8.43)	0.040 (1.02)	0.411 (10.44)	0.049 (1.24)	0.507 (12.88)	0.061 (1.55)	0.556 (14.12)	0.067 (1.70)	0.639 (16.23)	0.077 (1.96)	0.784 (19.91)	0.094 (2.39)	0.958 (24.33)	0.115 (2.92)	1.232 (31.29)	0.148 (3.76)
10	0.331 (8.41)	0.040 (1.02)	0.413 (10.49)	0.050 (1.27)	0.512 (13.00)	0.061 (1.55)	0.632 (16.05)	0.076 (1.93)	0.694 (17.63)	0.083 (2.11)	0.796 (20.22)	0.096 (2.44)	0.977 (24.82)	0.117 (2.97)	1.194 (30.33)	0.143 (3.63)	1.536 (39.01)	0.184 (4.67)
12	0.392 (9.96)	0.047 (1.19)	0.490 (12.45)	0.059 (1.50)	0.607 (15.42)	0.073 (1.85)	0.750 (19.05)	0.090 (2.29)	0.823 (20.90)	0.099 (2.51)	0.944 (23.98)	0.113 (2.87)	1.159 (29.44)	0.139 (3.53)	1.417 (35.99)	0.170 (4.32)	1.821 (46.25)	0.219 (5.56)
14	0.431 (10.95)	0.052 (1.32)	0.538 (13.67)	0.065 (1.65)	0.667 (16.94)	0.080 (2.03)	0.824 (20.93)	0.099 (2.51)	0.903 (22.94)	0.108 (2.74)	1.037 (26.34)	0.124 (3.15)	1.273 (32.33)	0.153 (3.89)	1.556 (39.52)	0.187 (4.75)	2.000 (50.80)	0.240 (6.10)
16	0.492 (12.50)	0.059 (1.50)	0.615 (15.62)	0.074 (1.88)	0.762 (19.35)	0.091 (2.31)	0.941 (23.90)	0.113 (2.87)	1.032 (26.21)	0.124 (3.15)	1.185 (30.10)	0.142 (3.61)	1.455 (36.96)	0.175 (4.45)	1.778 (45.16)	0.213 (5.41)	2.286 (58.06)	0.274 (6.96)
18	0.554 (14.07)	0.066 (1.68)	0.692 (17.58)	0.083 (2.11)	0.857 (21.77)	0.103 (2.62)	1.059 (26.90)	0.127 (3.23)	1.161 (29.49)	0.139 (3.53)	1.333 (33.86)	0.160 (4.06)	1.636 (41.55)	0.196 (4.98)	2.000 (50.80)	0.240 (6.10)	2.571 (65.30)	0.309 (7.85)
20	0.615 (15.62)	0.074 (1.88)	0.769 (19.53)	0.092 (2.34)	0.952 (24.18)	0.114 (2.90)	1.176 (29.87)	0.141 (3.58)	1.290 (32.77)	0.155 (3.94)	1.481 (37.62)	0.178 (4.52)	1.818 (46.18)	0.218 (5.54)	2.222 (56.44)	0,267 (6.78)	2.857 (72.57)	0.343 (8.71)
22	0.677 (17.20)	0.081 (2.06)	0.846 (21.49)	0.102 (2.59)	1.048 (26.62)	0.126 (3.20)	1.294 (32.87)	0.155 (3.94)	1.419 (36.04)	0.170 (4.32)	1.630 (41.40)	0.196 (4.98)	2.000 (50.80)	0.240 (6.10)	2.444 (62.08)	0.293 (7.44)	3.143 (79.83)	0.377 (9.58)
24	0.738 (18.75)	0.089 (2.26)	0.923 (23.44)	0.111 (2.82)	1.143 (29.03)	0.137 (3.48)	1.412 (35.86)	0.169 (4.29)	1.548 (39.32)	0.186 (4.72)	1.778 (45.16)	0.213 (5.41)	2.182 (55.42)	0.262 (6.65)	2.667 (67.74)	0.320 (8.13)	3.429 (87.10)	0.411 (10.44)
26	0.800 (20.32)	0.096 (2.44)	1.000 (25.40)	0.120 (3.05)	1.238 (31.45)	0.149 (3.78)	1.529 (38.84)	0.183 (4.65)	1.677 (42.60)	0.201 (5.11)	1.926 (48.92)	0.231 (5.87)	2.364 (60.05)	0.284 (7.21)	2.889 (73.38)	0.347 (8.81)	...	...
28	0.862 (21.89)	0.103 (2.62)	1.077 (27.36)	0.129 (3.28)	1.333 (33.86)	0.160 (4.06)	1.647 (41.83)	0.198 (5.03)	1.806 (45.87)	0.217 (5.51)	2.074 (52.68)	0.249 (6.32)	2.545 (64.64)	0.305 (7.75)	3.111 (79.02)	0.373 (9.47)	...	...
30	0.923 (23.44)	0.111 (2.82)	1.154 (29.31)	0.138 (3.51)	1.429 (36.30)	0.171 (4.34)	1.765 (44.83)	0.212 (5.38)	1.935 (49.15)	0.232 (5.89)	2.222 (56.44)	0.267 (6.78)	2.727 (69.27)	0.327 (8.31)	3.333 (84.66)	0.400 (10.16)	...	...
32	0.985 (25.02)	0.118 (3.00)	1.231 (31.27)	0.148 (3.76)	1.524 (38.71)	0.183 (4.65)	1.882 (47.80)	0.226 (5.74)	2.065 (52.45)	0.248 (6.30)	2.370 (60.20)	0.284 (7.21)	2.909 (73.89)	0.349 (8.86)	3.556 (90.32)	0.427 (10.85)	...	...
34	1.046 (26.57)	0.126 (3.20)	1.308 (33.22)	0.157 (3.99)	1.619 (41.12)	0.194 (4.93)	2.000 (50.80)	0.240 (6.10)	2.194 (55.73)	0.263 (6.68)	2.519 (63.98)	0.302 (7.67)	3.091 (78.51)	0.371 (9.42)	...	...	...	...
36	1.108 (28.14)	0.133 (3.38)	1.385 (35.18)	0.166 (4.22)	1.714 (43.54)	0.206 (5.23)	2.118 (53.80)	0.254 (6.45)	2.323 (59.00)	0.279 (7.09)	2.667 (67.74)	0.320 (8.13)	3.273 (83.13)	0.393 (9.98)	...	...	...	...
42	1.292 (32.82)	0.155 (3.94)	1.615 (41.02)	0.194 (4.93)	2.000 (50.80)	0.240 (6.10)	2.471 (62.76)	0.297 (7.54)	2.710 (68.83)	0.325 (8.26)	3.111 (79.02)	0.373 (9.47)	...	...	...	...	...	...
48	1.477 (37.52)	0.177 (4.50)	1.846 (46.89)	0.222 (5.64)	2.286 (58.06)	0.274 (6.96)	2.824 (71.73)	0.339 (8.61)	3.097 (78.66)	0.372 (9.45)	3.556 (90.32)	0.427 (10.85)	...	...	...	...	...	...
54	1.662 (42.21)	0.199 (5.05)	2.077 (52.76)	0.249 (6.32)	2.571 (65.30)	0.309 (7.85)	3.176 (80.67)	0.381 (9.68)	3.484 (88.49)	0.418 (10.62)	...	...	...	...	...	...	...	...
63	1.938 (49.23)	0.233 (5.92)	2.423 (61.54)	0.291 (7.39)	3.000 (76.20)	0.360 (9.14)	...	...	...	...	...	...	...	...	...	...	...	...
65	2.000 (50.80)	0.240 (6.10)	2.500 (63.50)	0.300 (7.62)	3.095 (78.61)	0.371 (9.42)	...	...	...	...	...	...	...	...	...	...	...	...

ASTM D3035 IPS Pipe-Outside Diameter[A] and Tolerance

IPS Size	Outside Diameter, in. (mm)	Tolerances, in. (mm)
½	0.840 (21.34)	±0.004 (0.10)
¾	1.050 (26.7)	±0.004 (0.10)
1	1.315 (33.4)	±0.005 (0.13)
1¼	1.660 (42.2)	±0.005 (0.13)
1½	1.900 (48.3)	±0.006 (0.15)
2	2.375 (60.3)	±0.006 (0.15)
3	3.500 (88.9)	±0.008 (0.20)
4	4.500 (114.3)	±0.009 (0.23)
6	6.625 (168.28)	±0.011 (0.28)
8	8.625 (219.08)	±0.013 (0.33)
10	10.750 (273.05)	±0.015 (0.38)
12	12.750 (323.85)	±0.017 (0.43)
14	14.000 (355.60)	±0.063 (1.60)
16	16.000 (406.40)	±0.072 (1.83)
18	18.000 (457.20)	±0.081 (2.06)
20	20.000 (508.00)	±0.090 (2.29)
22	22.000 (558.80)	±0.099 (2.51)
24	24.000 (609.60)	±0.108 (2.74)
26	26.000 (660.4)	±0.117 (2.97)
28	28.000 (711.2)	±0.126 (3.20)
30	30.000 (762.0)	±0.135 (3.43)
32	32.000 (812.8)	±0.144 (3.66)
34	34.000 (863.6)	±0.153 (3.89)
36	36.000 (914.4)	±0.162 (4.11)
42	42.000 (1066.8)	±0.189 (4.80)
48	48.000 (1219.2)	±0.216 (5.49)
54	54.000 (1371.6)	±0.243 (6.17)
63	63.000 (1600.2)	±0.284 (6.71)
65	65.000 (1651.0)	±0.293 (7.44)

[A]For a distance to the cut end of the pipe that is the lesser of 11.8-in (300 mm) or 1.5 times the outside diameter, a diameter reduction of up to 1.5% shall be acceptable.

HDPE Corrugated Pipe For Drainage

Product feature

01 Good corrosion resistance.
The Pipe has excellent acid and alkali resistance, corrosion resistance, suitable for chemical industry.

02 Convenient transportation.
Light weight, convenient handling.

03 Low fluid resistance.
Fluid resistance is small and the roughness coefficient is only 0.009, which effectively improve the hydraulic condition of the pipe network, reducing the operation cost of the system.

04 High mechanical strength.
Pressure pipe has good performance, impact resistance and tensile strength.

05 Cost saving.
The connecting way of the pipeline is convenient for construction, saving the construction engineering cost.

06 Sanitary.
The dissolution test confirms that it does not affect the water quality, suitable for popularization andap-plication in large area.

Application field

01 Municipal engineering project.
can be used for drainage and sewerage pipe.

02 Construction project.
Can be used for building rain water pipe, storm sewer, and underground drainage pipe, sewage pipe,etc.

03 Electrical telecom engineering project.
Can be used for all kinds of power cable protection conduit.

04 Industrial project.
Widely used as drainage and sewerage pipe in chemical, medicine, environmental industries.

05 Agriculture and garden projects.
Can be used as irrigation pipe, sewerage and drainage pipe for farmland and, garden, tea garden, treelawn and forest.

06 Road engineering project.
Can be used as seepage pipe, sewerage and drainage pipe for railway and highway.

07 Mining engineering project.
Can be used as ventilation pipe, air supply pipe and drain pipe.

08 HDPE perforated double-wall corrugated pipe with holes.
can be used as water penetration pipe and drain pipe for saline-alkali land and the highway.

Diameter(mm)	100, 150, 200, 225, 300, 400, 500, 600, 700, 800
Materials	Polyethylene
Ring Stiffness	SN4, SN8, S1 S2
Color 1	Both outside and inner surface are black.
Color 2	Outside surface is black, inner surface is blue.
Color 3	Outside surface is black, inner surface is yellow.
Fittings offered	Rubber ring, or coupler
OEM	OEM services is available
Loading method	The best way is to load the smaller size into larger size to load more and save freight.

Item	Inde
Ring stiffness SN4(kN/m2)	⩾4
Ring stiffness SN8(kN/m2)	⩾8
Impact strength(%)	⩽10
Ring suppleness	The sample is smooth without any recurvation or wall loose.
Oven experiment	No delamination and no crack.
Creep rate	⩽4











HDPE Pipe For Gas Supply

Product feature

01 Non-toxic. ***02*** Convenient for construction. ***03*** High toughness.
04 No leakage. ***05*** Good wear resistance. ***06*** Corrosion resistance.
07 Convenient for construction. ***08*** Flexible and resistance to scratches.
09 Excellent resistance to quickly crack propagation (RCP).

20mm-630mm	SDR17.6	SDR11	SDR9
20	2.3	3.0	3.0
25	2.3	3.0	3.0
32	2.3	3.0	3.6
40	2.3	3.7	4.5
50	2.9	4.6	5.6
63	3.6	5.8	7.1
75	4.3	6.8	8.4
90	5.2	8.2	10.1
110	6.3	10.0	12.3
125	7.1	11.4	14.0
140	8.0	12.7	15.7
160	9.1	14.6	17.9
180	10.3	16.4	20.1
200	11.4	18.2	22.4
225	12.8	20.5	25.2
250	14.2	22.7	27.9
280	15.9	25.4	31.3
315	17.9	28.6	35.2
140	20.2	32.3	39.7
160	22.8	36.4	44.7
180	25.6	40.9	50.3
200	28.4	45.5	55.8
225	31.9	50.9	62.5
250	35.8	57.3	70.3





HDPE Porous Plum Pipe

Product feature

01 The product adopts a porous integrated structure, with compact structure and even stress.
02 Special compound polyethylene is adopted, with advantages of good low temperature resilience, flexibility compression and impact resistance.
03 The applicable temperature of the product is from-40 degree to+80,degree, and the installation temperature is below 10degree. Because of its? low temperature embrittlement cracking, it can be applied? in the tropical and col regions.
04 The friction resistance of the inner wall is low. The pipe isight and easy to handle.
05 The product has many holes, and you can reserve the pipe hole, which will improve the utilization of communication hole. Ithas remarkable social and economic benefits.

Application field

It is widely used in radio and television, communication and other industries. and can also be used as a sheath for municipal, highway, bridge, and buried line sheaths. It is an ideal new type of casing.

Product Name(MM)	Outside Diameter(MM)	Inner Hole Diameter(MM)
Special shaped nine holes	115	32*2-28*2-26*4
Nine holes	115	28*8
Seven holes	108	32*6
Five holes(Large)	100	32*5
Five holes(Medium)	88	28*5
Five holes(Small)	76	26*5
Special shaped five holes	100	45*1-32*2-28*2
Three holes	70	32*3







HDPE Dredging Pipe

Product feature

01 Light weght, saving time and improving efficiency.
HDPE dredging pipes are only one-eighth of steel pipes. They adoptl flanges and bolts for connection, installation and dismantlement, which mean they are convenient for transportation, repairl and replacement.

02 Great flevibility tensile strength and elasticity.
HDPE dredning nine doesn't hreak after internal and external force imnact it hae aront roeletanon of etormy wwovoe Thoy could ho hondod to ho a cirele hy A-9 nioooe in tha wator If thoy aro nood to he connected on land, they can be connected directly as long as the concave-convex is within 30 degrees of area.

03 Excellent wear-resistance ability.
HDPE dredging pipes wear-resistance ability is 4-8 times of steel pipe, together with itsanti-uv and anti-aging ability, it normally can be used for 5-8 years upon sand content.

04 HDPE dredging pipe is assembled with two metal flanges at both pipe ends.
The pipes are connected by flanges and bolts which ensure they will not deform and drip when install-ing and disassembling and ensure the engineerings high efficiency.

05 Temperature adaptation.
HDPE dredging Pipes workable temperature is range from-40c to 60.c, it can adapt to bad weather and fluctuated temperature.

06 Low cost.
Whenever on land or in water, HDPE dredging Pipes total engineering cost is lower and more efficient than other pipes.

Application field

01 Delivering powder and coal ash in thermal power plant.

02 Delivering mine tailings and slurry, metallurgical mines in the mining industry.

03 Delivering pulverized coal and coal-water slurry of coal preparation plant in the coal industr.

04 Delivering mud and corrosive media with slag in the chemical industry.

05 Delivering crude oil and petroleur.

06 Delivering sand mudslurry for dredger in dredging projects or sand suction projects, and also for seawater treatment projects.

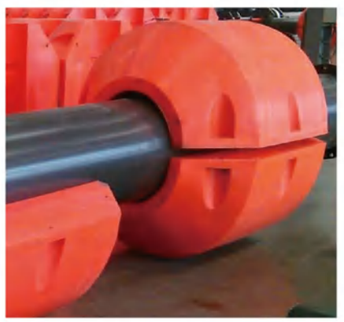


Outside Diameter		0.8MPa	1.0MPa	1.25MPa
		SDR21	SDR17	SDR13.6
75	2 1/2”	3.6	4.5	5.6
90	3”	4.3	5.4	6.7
110	4”	5.3	6.6	8.1
125	5”	6.0	7.4	9.2
140	5 1/2”	6.7	8.3	10.3
160	6”	7.7	9.5	11.8
180	6”	8.6	10.7	13.3
200	8”	9.6	11.9	14.7
225	8”	10.8	13.4	16.6
250	10”	11.9	14.8	18.4
280	10”	13.4	16.6	20.6
315	12”	15.0	18.7	23.2
355	14”	16.9	21.1	26.1
400	16”	19.1	23.7	29.4
450	18”	21.5	26.7	33.1
500	20”	23.9	29.7	36.8
560	22”	26.7	33.2	41.2
630	24”	30.0	37.4	46.2
710	28”	33.9	42.1	52.2
800	32”	38.1	47.4	58.8
900	36”	42.9	53.3	66.2











HDPE Silicon Core Pipe

Product feature

01 Silicon core pipe is a new kind of composite pipe with silicone solid lubricant in inner wall,which be widely used in optical communication network system of highway, railway,etc.

02 Adopt the mode of multi-machine co-extrusion, silicon core layer is synchronizely embedded in the pipe. It will be lubricated and not be stripped forever.

03 The friction coefficient of the inner wall is very small. Optical cable (electric cable) can be repeatedly extracted and tensioned in the pipe. By using cable blowing machine, one time blowing length can be 1000 to 2000 meter under normal conditions.

04 Waterproof, damp-proof, can avoid the damage by rodent animals.

05 With great ring stiffness and toughness. In construction, its bending radius should not be less than 10 times of the external diameter of the pipe.

06 Aging-resistant, anticorrosion of chemicals. With long service life, and will not deteriorate within 50 years in the earth.

07 Convenient in construction. This will save time and the project cost less than 70% of the PVC electronical pipe.

Application field

01 The optical cable of installation and protection.

02 Communication pipeline on highway and rail way.

03 Others Communication project pipeline.

Specification	OD (mm)	Min ID (mm)	Tickness (mm)	length (m)	Elasticity	
					Before coiling	After coiling
32/26	32	26	2.5	1000,2000,3000	⩽2	⩽3
34/28	34	28	3.0	1000,2000,3000	⩽2	⩽3
40/33	40	33	3.5	1000,2000,3000	⩽2.5	⩽3.5
46/38	46	38	4.0	1000,1500	⩽3	⩽5
50/41	50	41	4.5	1000,1500	⩽3	⩽5
63/54	63	54	5.0	1000,1500	⩽3	⩽5







HDPE Krah Pipe

Product feature

01 Hot wound steel molding, high quality of pipe welding.

02 Excellent drainage flow performance, smooth tube inner wall, small friction, fast flow rate, large flow.

03 The same engineering conditions to use, its weight is only a fraction of the cement pipe, steel pipe, construction is more convenient and fast.

04 Good flexibility, in the event of geological activities such as earthquakes and uneven ground subsidence, it can also reduce the damage loss of pipelines to a minimum, and improve the earthquake resistance and disaster reduction ability of public facilities.

05 Complete system accessories, with a variety of supporting pipe fittings and inspection Wells, can be assembled into a complete pipe system.

06 Corrosion resistance, aging resistance, long service life, good wear resistance and toughness of the pipe, stable chemical properties, service life to ensure more than 50 years.

Application field

HDPE pipe because of its safety, reliability, environmental protection, high quality, is widely used in municipal engineering, nuclear power, petrochemical, mining and metallurgy, transportation hubs, ports, metallurgy and mining and other important fields.

Specification	Thickness(mm)	ID (mm)	OD (mm)
DN300	3.5	293	320
DN400	4.5	370	400
DN500	4.3	490	520
DN600	5	580	630
DN700	6.8	680	730
DN800	6	765	820
DN900	6.5	885	945
DN1000	6.5	955	1030
DN1100	6.3	1090	1160
DN1200	7.2	1150	1250
DN1300	7.5	1295	1310
DN1400	7.5	1390	1470
DN1500	8	1485	1503









HDPE Steel Wire Reinforced Pipe

Product structure

This series of products are new-type medium, high or low-pressure composite pipes reinforced by high-strength plastic-covered steel wire and covered with composite thermal plastic at internal and external surface. Owning to the reinforcement is covered in continuous thermal plastic, this kind of composite pipe not only overcomes shortcomings of steel pipes and plastic pipes, but also has common advantages of steel pipes and plastic steels. After the galvanized pipe is prohibited, it is a revolutionary technological achievement for architectural and municipal water supply pipe and also solves the urgent needs for large-diameter rigid pipes in petroleum, chemical engineering, pharmacy, food, mine and gas field, etc. The piping system of steel wire mesh plastic reinforced composite pipes is equipped with electric melting pipe fittings. During connection, the heating elements in fittings will melt outer plastic on pipe and inner plastic on fittings and then connect them together reliably.

Product feature

01 Has the strength higher than that of plastic pipe, rigidity and impact resistance.

02 The anti-corrosive surfaces have the corrosion resistance as high as plastic pipe.

03 It is the best substitute of galvanized pipe because it is low in cost, hygienic and non-toxic.

04 Operating temperature is high and heat conductivity coefficient is low, so insulation of outer wall is unnecessary in winter and no condensation will be formed in summer.

05 The inner wall is smooth and free of any scale sediment, so the head loss is 30% lower than that of steel pipe.

06 The technology to connect pipes by electric melting is mature, electric-melting joints are highly resistant to axial tension and multiple fittings of various specifications and varieties are available.

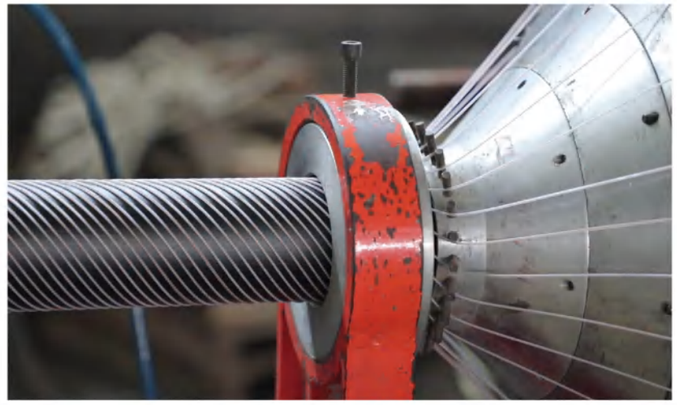
07 It is convenient for transportation and construction because its weight is light. This pipe is high in general reliability. And, under normal circumstances, its service life is up to 50 years.

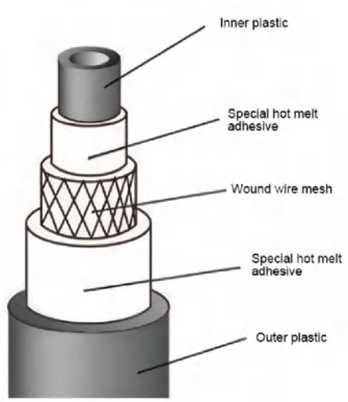
Technical requirements

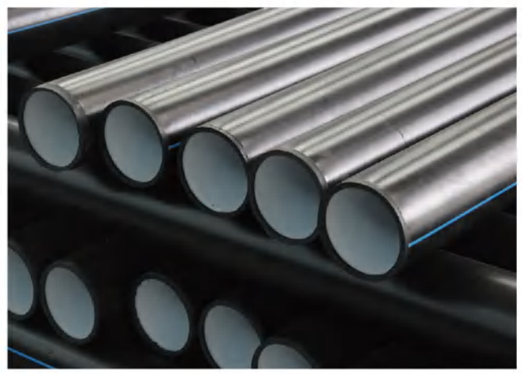
The color is generally black and also can be decided according to mutual agreement of the supply and requisitioning parties. The internal and external surface of the pipe shall be smooth, may be have small pits and bumps formed during natural shrinking and be free of any bubble, crack, decomposition discoloration and obvious scratch. And, two ends of the pipe shall be cut flatly.

Its hygienic indexes shall meet provisions in GB/T17219 “Standard for Hygienic Safety Evaluation of Equipment and Protective Materials in Drinking Water”. The product shall meet provisions in standard CJ/T189-2007.

Normal Diameter (DN/OD) (mm)	Wall thickness (mm)			
	PN8	PN10	PN16	PN20
	0.8MPa	1.0MPa	1.6MPa	2.0MPa
50	—	2.3	4.5	5.0
63	—	2.3	4.5	5.0
75	—	2.3	5.0	5.0
90	—	2.3	5.5	5.5
110	—	5.5	7.0	7.0
140	—	5.5	8.0	8.5
160	—	6.0	9.0	9.5
200	—	6.0	9.5	10.5
225	—	8.0	10.0	10.5
250	8.0	10.5	12.0	12.0
315	9.5	11.5	13.0	13.0
355	10.0	12.0	14.0	—
400	10.5	12.5	15.0	—
450	11.5	13.5	15.0	—
500	12.5	15.5	18.0	—
560	17.0	20.0	—	—
630	20.0	23.0	—	—









Steel belt HDPE double wall corrugated pipe

Product feature

01 Using PE as anti-corrosion material, will not be corrupted by acid and oil in sewage and wastewater.

02 Even in the environment of 60 °C below zero, the pipe will not freeze to broken or leaking.

03 Connection mode is diversity and simple, simple and rapid construction at the scene.

04 The product is flexible, external impact, restoring performance is superior when external impact occur, the foundation settlement case is not easy to break.

05 The pipe base material can effectively use more than 50 years in 20 °C , strong aging resistance.

06 Pipe is light, convenient connection, the excavation engineering requirement is not high, in the city drainage engineering construction, save the project time and cost a lot.

07 Pipe weight is only 1/8 of the concrete pipe and two-thirds of traditional winding plastic tube structure, easy to transport, construction is convenient, do not need to use large construction equipment.

08 Pipe friction coefficient is low, strong medium conveying ability.

09 Rubber inside is smooth, small friction resistance, fast drainage.

10 Rubber inside is smooth, small friction resistance, fast drainage.

Application field

01 Municipal drainage, urban drain piping system.

02 Apartments, residential district underground buried sewage drainage.

03 Highway embedded pipeline, golf course underground water seepage pipe network.

04 Irrigation water, draining water projects, etc.

05 Chemical industry, mining used in fluid transport and ventilation, etc.

06 Underground pipeline protection and communication cable protective pipe, etc.

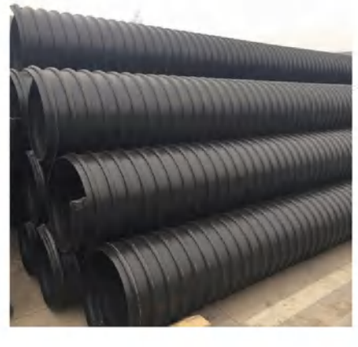
Item	Typical Value
Ring Stiffness (KN/m2)SN16	⩾16
SN12.5	⩾12.5
SN8	⩾8
TIR	⩽10
Ring Flexibility	no rupture, no withdraw in two walls
Creep Proportion	⩽2
Peel strength(20°C±5°C)/N/cm	⩾100
Drying Test Chamber	No delamination, no

ND/ID (mm)	Dim. min (mm)	Emin (mm)	Emin (mm)	Pmax (mm)	Tmin (mm)	E2min (mm)
300	294	2.5	4.0	75	0.4	2.2
400	392	3.0	4.5	85	0.4	2.2
500	490	3.5	5.0	100	0.5	2.5
600	588	4.0	6.0	110	0.5	2.5
700	685	4.5	6.0	115	0.5	2.5
800	785	5.0	7.0	120	0.7	3.0
900	885	5.0	7.5	135	0.7	3.0
1000	985	5.0	8.0	150	0.7	3.0
1100	1085	5.0	8.0	165	0.7	3.0
1200	1185	5.0	8.0	180	0.7	3.0
1300	1285	5.0	8.0	210	0.4	3.0
1400	1385	5.0	8.0	210	1.0	3.0
1500	1485	5.0	8.0	220	1.0	3.0
1600	1585	5.0	9.0	230	1.0	3.5
1800	1785	5.0	9.0	230	1.0	3.5
2000	1985	6.0	9.0	235	1.0	3.5
2200	2185	6.0	9.0	235	1.2	3.5
2400	2385	6.0	10.0	235	1.2	3.5











HDPE Fittings

HDPE Electrofusion Fittings

Detailed Information

01 Raw material: PE100

02 Color: black, yellow or other colours as required

03 Size: available range from 50mm to 630mm

04 Pressure Rating: PN16(SDR11), PN10(SDR17.6)

Product feature

01 Corrosion Resistance.
Resist chemical matters and electron chemical corrosion.

02 Low Installation Costs.
light weight and ease of installation, greatly reduce installation costs.

03 Non-toxic.
It is produced without heavy metal additives and would not be covered with dirt or contaminated by bacterium.

04 High Flow Capacity.
Smooth interior walls result in low pressure loss and high volume.

05 Longevity.
More than 50 years under proper use.





Item	Size	Dimensions(mm)	
		H	max
E/F Elbow 45° Degree	50	68	66
	63	69	81
	75	65	96
	90	75	111
	110	84	141
	160	107	197
	200	118	248
	250	150	291
	315	155	363



Item	Size	Dimensions(mm)	
		H	max
E/F Elbow 90° Degree	50	113	65
	63	120	80
	75	145	95
	90	175	110
	110	210	140
	160	285	198
	200	343	247
	250	388	295
	315	480	369















HDPE Butt Fusion Fittings

Detailed Information

01 Raw material: PE100

02 Color: black blue or other colours as required

03 Size: available range from 20mm to 630mm

04 Connecting way: butt fusion and socket fusion

05 Pressure Rating: PN16(SDR11), PN10(SDR17.6)

Product feature

01 Corrosion Resistance.
High resistance to various types of chemicals. No electrochemical corrosion.

02 Higher flow capacity.
The smooth inner wall is easy for pipeline transportation Under the same condition delivery capacity can be increased by 30%.

03 Non-toxic.
Manufactured by virgin materials which is non-toxic, tasteless and never scaling, it could effectively improve the waterquality.

04 Convenient for construction and installation.
HDPE pipe could be installed in a variety of trenchless ways, so it is very convenient for construction and installation.

05 Longevity.
50 years'service lifespan under reasonable condition.

06 No Leakage.
HDPE pipe and fittings are welded in the ways of butt fusion, socket fusion and electrofusion. The strength of joint point ishigher than the tube itself.

07 Recycled and environment- friendly.
No scaling, no breeding of bacteria, solving the secondary pollution of drinking water.

08 Lower maintenance costs.
HDPE pipe fittings are not only convenient to transport and install, but also reduce the workers labor intensity and improve work efficiency.







Item	Size	Dimensions(mm)
Elbow 45° Degree 	DN75	75
	DN90	87
	DN110	88
	DN160	80
	DN200	90
	DN250	110
	DN315	120
	DN355	105
	DN400	120

Item	Size	Dimensions(mm)
Elbow 90° Degree 	DN75	150
	DN90	175
	DN110	200
	DN160	240
	DN200	290
	DN250	360
	DN315	425
	DN355	450
	DN400	517
	DN450	640
	DN500	695
	DN560	815

Item	Size	Dimensions(mm)	
		H	L
Equal Tee 	DN75	240	80
	DN90	272	86
	DN110	302	85
	DN160	335	86
	DN200	400	85
	DN250	490	125
	DN315	560	115
	DN355	570	100
	DN400	660	120
	DN450	840	142
	DN500	905	150
	DN560	1065	250
	DN630	1000	150

HDPE Socket fusion Fittings

Detailed Information

01 Raw material: PE100
02 Color: black blue or other colours as required
03 Size: available range from 20mm to 630mm
04 Connecting way: butt fusion and socket fusion
05 Pressure Rating: PN16(SDR11), PN10(SDR17.6)

Product feature

01 Good environmental suitability.
02 Excellent chemical resistance , long service life.
03 The inside pipe wall is extremely smooth and difficult to leave over dirt.
04 Connected by welding , leakage prohibit.

















