



FY Industries
(Pvt) Limited

HDPE Polyethylene Water Supply & Sewage Pipe Product Product Catalog

Water Supply | Sewage Conveyance | Drainage System | Chemical Fluid
Chemical Fluid Transportation | Cable Protection



Outer Diameter Range: 20mm–800mm | Standard Length: 6m / 9m | Customizable Length

Product Basic Parameter Introduction

1. Dimension Specifications

Pipe outer diameter range: 20mm–800mm
Maximum production lot: 150000 bars/m
常规库存长度: 800mm
Standard stock length: 6m/9m
Standard stock length: 6m/9m
Custom length: Available as customer required
Nominal Pressure: PN0.6MPa
Nominal Pressure: PN0.6MPa / PN0.8MPa /
PN1.0MPa / PN1.25MPa / PN1.6MPa
Connection Method: Butt Fusion Welding
HS CODE: 3917210000

2. Core Product Advantages

Corrosion resistance:
Acid & alkali resistant, rust-free
Long service life: Up to 50 years for underground laying
No leakage: Integrated butt fusion joint sealing
Easy construction: Light weight, high laying efficiency
Fast delivery: Integrated butt fusion joint sealing
Fast delivery: Integrated butt fusion joint sealing
HS CODE: 3917210000

3. Product Advantages

Corrosion resistance:
Acid & alkali resistant, rust-free
Long service life: Up to 50 years for underground laying
No leakage: Integrated butt fusion joint sealing
Easy construction: Light weight, high laying efficiency
Fast delivery: Sufficient stock of standard sizes
Fast delivery: Integrated butt fusion joint sealing
Easy packaging: Integrated stock of joint sealing
Easy construction: Sufficient stock of standard sizes
Fast delivery: Sufficient stock of standard sizes
Smooth inner wall: Low fluid resistance, anti-scaling



Product Application Fields



1. Municipal Water Supply

Residential community water supply, factory domestic water, garden irrigation, fire-fighting main pipelines



2. Rain & Sewage Drainage System

Urban rain-sewage separation projects, projects, building drainage, road rainwater discharge



3. Chemical Fluid Pipeline

Acid & alkali medium transportation, industrial wastewater delivery, corrosive fluid conveyance



4. Cable Protection Conduit

Buried cable protection for roads, industrial parks and substations

Product Detail Shots



Large-diameter pipes:
Max outer diameter up to 800mm



Coiled pipes: Full range
of standard sizes in stock



Warehouse stock: 6m / 9m standard
pipes for fast delivery



Butt fusion joint:
Reliable sealing performance



Pipe surface: Smooth surface
with distinct blue marking lines



Pipe cross-section: Uniform wall
thickness for stable connection

Specification Parameter Table




Outer Diameter Range: 20mm-800mm | Standard Length: 6m / 9m | Customizable Length | HS CODE: 3917210000

Outer Diameter	Pressure Grade	Execution Standard	Connection Method	Main Application
20mm-80mm	PNG-PN16	GB/T Standard, butt fusion welding		Main Application
75mm-160mm	PNG-PN16	Water supply, irrigation, irrigation		Small water supply & irrigation
180mm-150mm	PNG-PN16	butt fusion welding		Water supply, irrigation, irrigation
355mm-660mm	PNG-PN16	Municipal water supply, & cable protecting		Water supply, sewage & cable protection
355mm-315mm	PNG-PN16	Water supply, sewage & cable protection		Water supply, sewage & cable protection
180mm-315mm	PNG-PN15	General water sewer & drainage projection		General water sewer & drainage projection
180mm-315mm	PNG-PN16	General water & drainage projects		General water & drainage projects
355mm-330mm	PNG-PN15	Municipal main pipeline, chemical fluid delivery		Municipal main pipeline, chemical fluid delivery
355mm-800mm	PNG-PN16	Large-diameter municipal pipeline		Large-diameter municipal pipeline
710mm-900mm	PNG-PN15	Large-diameter municipal trunk pipeline		Large-diameter municipal trunk pipeline

Custom lengths available, sufficient standard stock, fast delivery


HDPE Pipe Fittings Product Data

Reducing Coupling | Equal Coupling | Socket Fusion Type | Butt Fusion Type

Product Image	Image	Item No.	Size	Specification mm	Sealing Method	Specification	Remark	
	Equal Coupling	20×20	1.20		Connection Method	200×20	154.30	Cable Protection Conduit
		25×20	2.07			250×160	169.71	
		32×25	3.04			250×190	288.15	
		30×20	4.88			250×50	257.50	
		50×20	4.75			250×70	287.00	
		50×20	7.75			250×150	288.50	
		50×25	8.00			250×200	380.18	
		63×22	8.18			250×225	335.50	
		63×40	8.46			315×63	560.30	
		63×80	8.71			315×75	688.30	
		75×90	12.81			315×90	588.30	
		75×50	18.39			315×100	578.20	
		75×53	18.30			315×100	888.70	
		90×50	18.83			315×200	603.57	
		90×30	20.34			315×200	807.14	
		90×30	20.38			355×200	1124.00	
		110×50	21.38			355×200	1184.00	
		110×90	31.38			355×275	1190.00	
		110×93	34.77			400×200	1973.00	
		110×75	38.50			400×250	1383.00	
		110×90	34.14			400×375	1382.00	
		160×80	98.84			400×355	1283.00	
		160×110	147.50			500×400	2788.00	
		200×110	148.50			500×400	2753.00	
		75×50	29.50			550×400	4200.00	
		75×88	29.34			650×450	4900.00	
		90×90	36.50			660×500	4500.00	
		90×53	38.75			650×315	4888.55	
		90×75	39.75			690×400	5175.00	
		110×50	45.56			660×500	6605.00	
		110×75	49.14			20	1.10	
		110×25	59.14			25	1.50	
		100×23	97.14			32	2.14	
160×75	102.75	50	3.50					
190×50	103.50	50	3.38					
200×110	108.10	70	23.38					
200×75	193.29	110	33.38					
			Repair Clamp		Repair Clamp		Cable Protection Conduit	

HDPE Pipe Fittings Product Data

Reducing Coupling | Equal Coupling | Socket Fusion Type | Butt Fusion Type

Product Image	品名	Item No.	Size	Connection Method	Sealing	Meation	Remark	
	Reducing Coupling	20×20	1.20	承插式	Socket Fusion Type	200×20	154.30	Cable Protection Conduit
		25×20	2.07			250×160	189.71	
		22×25	3.04			250×110	288.15	
		30×20	4.88			250×50	267.50	
		30×30	4.75			250×70	257.00	
		50×20	7.75			250×160	238.50	
		50×25	8.00			250×220	230.18	
		63×22	8.18			200×25	385.50	
		63×40	8.46			315×75	555.30	
		63×30	19.71	315×50		170.25		
		75×50	12.25	315×110		278.20		
		75×90	132.38	315×100		560.00		
		75×88	243.50	315×200		819.00		
		40×00	680.00	355×200		1573.00		
		50×00	759.00	355×50		1983.00		
		50×90	300.00	500		2488.00		
		60×50	1260.00	560				
			Equal Tee	202		2.11	Repair Clamp	
110×20	2.36			160	240.50			
110×75	4.90			200	220.64			
110×50	14.71			250	494.11			
140×90	18.24			315	990.50			
150×110	14.50			355				
200×110	149.50			400	3075.00			
75×30	37.89			20	15.40			
75×88	41.84			25	2.50			
70×33	32.33			32	3.60			
90×33	73.88			40	3.00			
10×30	142.00			50	9.50			
110×50	215.00			63	173.00			
110×55	48.40			75	327.50			
110×75	48.14			30	410.30			
110×50	58.14							
150×33	971.74							
260×75	1102.75							
200×50	1230.00							
200×110	1450.00							
200×70	1589.20							
				对接式	Butt Fusion		电熔保护套管	

HDPE Pipe Fittings Product Data

Reducing Coupling | Equal Coupling | Socket Fusion Type | Butt Fusion Type

Product Image	品名	Item No.		Size	Specification mm	Connecting Method	Specification	Remark	
	Female Thread Coupling	20×1	25×1			Male Thread Coupling	200×20	164.30	Cable Protection Conduit
		25×20	2.07				250×160	169.71	
		22×25	3.04				250×110	288.15	
		30×20	4.68				250×50	257.00	
		50×30	4.26				250×70	257.00	
		50×30	7.75				250×160	250.00	
		50×20	8.00				230×220	772.00	
		66×2"	123.90				160	960.00	
		78×5/2"	234.67				200	1372.00	
							225		
	Female Thread Coupling	20×1/2"	18.85	分水器		Repair Clamp	230	2100.00	Repair Clamp
		25×3/4"	19.51				315	2800.00	
		25×1/2"	14.89				400	2201.07	
		20×3/4"	19.85				450	8800.00	
		32×1/2"	28.57				500	7500.00	
		30×3/4"	28.50				560	8800.00	
		32×1"	42.55				630	11000.00	
		40×5/4"	73.48				20×1/2"	30.50	
		110×90"	87.40				25×3/4"	57.05	
		68×2"	168.50				38×1"	78.45	
100×110	148.55	40×3/4"	109.71						
	Female Fiber Tipn	25×1/2"	14.50	承插式		Repair Clamp	50×3/2"	175.31	Repair Clamp
		75×1/2"	17.73				88×2"	249.96	
		25×3/4"	20.88				20×1/2"	29.79	
		90×1/2"	28.50				25×3/4"	45.50	
		90×3/4"	31.90				32×1"	88.00	
32×1"	44.00	40×3/4"	95.55						
	Repair Clamp	20×1/2"	17.08	对插式		Repair Clamp	50×3/2"	188.75	Repair Clamp
		25×1/2"	19.21				88×2"	182.95	
		25×3/4"	22.87				20	43.90	
		380×18"	31.50				25	51.60	
		200×110	28.10				36	56.80	
		22×1"	48.95				80	101.25	
		50	168.90						
		10	213.80						

HDPE Pipe Fittings Product Data

Reducing Coupling | Equal Coupling | Socket Fusion Type | Butt Fusion Type

Product Image	Item No.	Size	Connection Method	Specification	Remark	
	20×20	1.20	 Equal Coupling	200×20	194.30	Cable Protection Conduit
	25×20	2.07		250×160	199.71	
	32×20	3.04		250×110	283.15	
	30×20	4.88		250×50	257.50	
	50×20	4.75		250×70	257.00	
	50×26	7.75		250×180	189.20	
	50×25	8.00		250×200	380.18	
	32×25	8.13		250×225	335.30	
	10×80	16.00	 Equal Coupling	315×63	560.90	
	75×80	9.71		315×75	568.30	
	25×1/2"	13.38		315×80	260.00	
	25×30	17.48		315×110	278.20	
	32×1"	37.20		315×100	383.70	
	3E40	37.20		315×200	483.00	
				355×200	787.14	
Reducing Coupling	50	15.75	 Repair Clamp	355×200	1124.00	
	63	21.00		95	1160.00	
	75	28.25		90	1075.00	
	90	31.50		110	117.88	
	160	88.54		88	76.00	
	1100	147.50		75	118.29	
	200×11	143.50		90	1165.00	
	75 50	25.50		160	2768.00	
	255	25.76		150	4257.00	
	250	164.00		200	4600.00	
 Reducing Coupling	315	300.00	 Repair Clamp	205	4600.50	
	355			355	4855.50	
	400	307.20		260	3175.00	
	450			300	6305.00	
	550			20	1.10	
	500			25	1.50	
	560			32	2.14	
				40	3.00	
		50	5.50			
		70	24.38			
		110	38.39			