



# KARKIN

تجارة عامة تعيدات انشاءات اسيرداد وبتصدير . تخلص حمركي . شحن كامل وجزئي

## PRODUCT CATALOGUE





## Why Should You Prefer HİDROPLASTİK?

HİDROPLASTİK HAS ONE OF THE MOST MODERN PLANTS OF TURKEY, EQUIPPED WITH STATE-OF-THE-ART TECHNOLOGY EQUIPMENT AND DEVICES.

- HİDROPLASTİK HAS SET O TO BECOME THE LEADER COMPANY IN THE SECTOR WITH ITS FULLY AUTOMATED PRODUCTION LINES AND CONSTANTLY EXPANDING PRODUCT RANGE.

- WITH A SENSE OF DISCIPLINE AND CORPORATE GOVERNANCE THAT IS CONGRUOUS TO TURKISH INDUSTRIALISTS, HİDROPLASTİK HAS O ERED ITS RELIABLE PRODUCTS TO ITS CUSTOMERS IN DOMESTIC AND FOREIGN MARKETS.

- WITH ITS YOUNG, DYNAMIC AND EXPERT TEAM; HİDROPLASTİK HAS AN INFRASTRUCTURE THAT CAN SOLVE ALL KINDS OF PROBLEMS.

- HİDROPLASTİK USES THE MOST SUITABLE RAW MATERIALS AND HAS TSE CERTIFICATION.

- WITH ITS QUALITY PRODUCTION PROCESS THAT IS IN ACCORDANCE WITH STANDARDS, HİDROPLASTİK PRIORITIZES CUSTOMER SATISFACTION.

- HİDROPLASTİK MANUFACTURED THE FIRST PRESSURE-REGULATED FLAT TYPE DRIP IRRIGATION PIPE IN TURKEY.

- HİDROPLASTİK PROVIDES ITS PRODUCTS TO DOMESTIC MARKET, INCLUDING RURAL SERVICES, STATE HYDRAULIC WORKS AND MUNICIPALITIES, AND EXPORTS TO BIG COUNTRIES.

- WITH MANY VENDORS ALL AROUND TURKEY, HİDROPLASTİK SERVES ITS CUSTOMERS AT EVERY TURN.

- HİDROPLASTİK MEANS QUALITY, HİDROPLASTİK MEANS TRUST; HİDROPLASTİK IS UNIQUE, HİDROPLASTİK IS THE ONLY GENIAL AND SINCERE COMPANY AROUND.



## Test Methods

DETERMINATION OF DENSITY DETERMINATION OF MFI (MELT FLOW INDEX) HYDROSTATIC PRESSURE TEST / TENSILE STRENGTH ELONGATION AT BREAK HOMOGENEITY TEST CARBON BLACK QUANTITY ANALYSIS RINGS TENSILE EXTERNAL BLOW RESISTANCE DETERMINATION OF WATER TIGHTNESS DETERMINATION OF INTERNAL PRESSURE RESISTANCE DETERMINATION OF CREEP RATIO OVEN TEST (HEAT RESISTANCE) RING FLEXIBILITY THERMAL STABILITY TEST

(TS EN ISO 1183-1) (TS EN ISO 1133) (ISO 9080 EN 921) (ISO 527) (ISO 527) (ISO 18553) (ISO 6964) (TS EN ISO 9969) (TS EN 744) (TS EN 1053) (TS EN 1167-1) (TS EN ISO 9967) (TS ISO 12091) (TS EN 1446) (TS EN 728)



## Certain Properties of Our Products

SINCE OUR PRODUCTS ARE EXTREMELY RESISTANT TO CHEMICALS, THEY CAN FUNCTION IN ACIDIC, BASIC AND SALTY ENVIRONMENTS; OUR LIGHTWEIGHT PRODUCTS PROVIDE EASE OF INSTALLATION AND USE, PERFECTLY ADAPTING TO THE LAND FORM. THE MATERIALS WE USE ARE HIGH-QUALITY, TESTED, WHICH ARE NOT AFFECTED FROM EARTH MOVEMENTS, HAVE EXCELLENT ABRASION RESISTANCE, SUPERIOR CRACKING AND IMPACT RESISTANCE, ALLOWING OPTIONAL PRODUCTION IN ALL PRESSURE CLASSES.



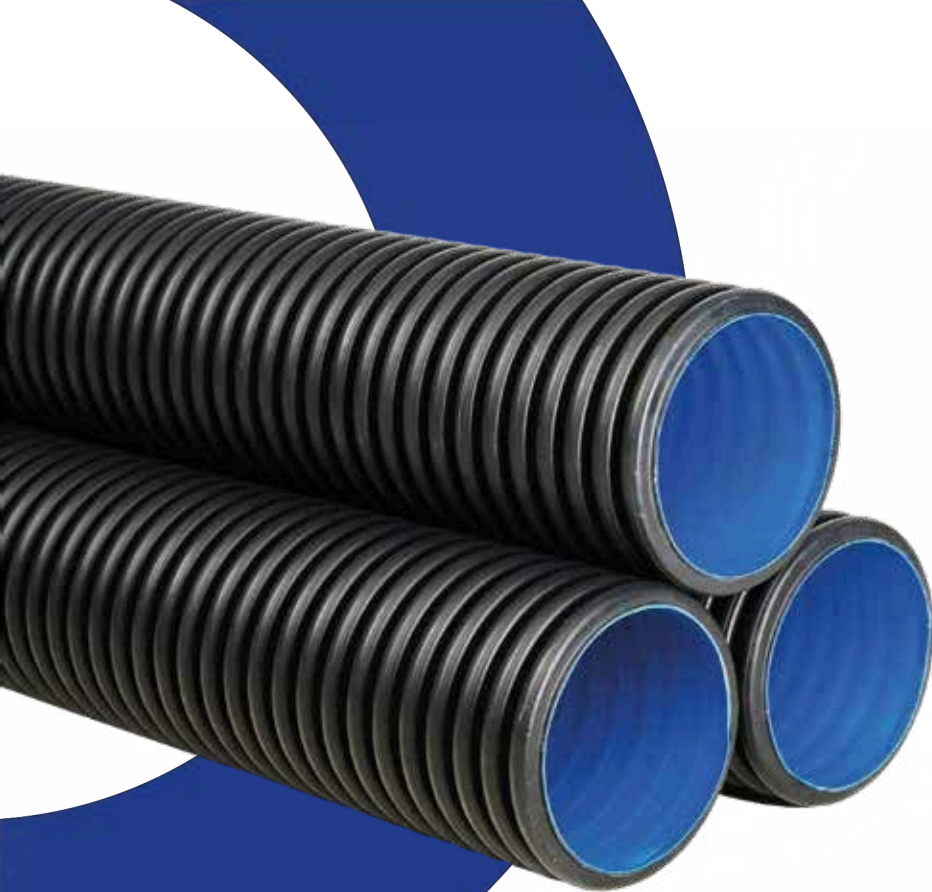
## About Us

BEING ONE OF THE MOST IMPORTANT ORGANIZATIONS WITHIN TURKISH ECONOMY, HİDROPLASTİK STARTED TO OFFER ITS RELIABLE PRODUCTS TO ITS CUSTOMERS IN DOMESTIC AND FOREIGN MARKETS WITH A SENSE OF DISCIPLINE AND CORPORATE GOVERNANCE THAT IS CONGRUOUS TO TURKISH INDUSTRIALISTS. WITH A CORPORATE STRUCTURE PRIORITIZING QUALITY, AND WITH A YOUNG AND DYNAMIC EXPERT TEAM; OUR COMPANY HAS SET O TO BECOME THE LEADER COMPANY IN PLASTIC SECTOR. WITH ITS PRODUCTION CAPACITY, AS WELL AS ITS TECHNOLOGY; OUR COMPANY HAS BECOME ONE OF THE MAJOR-LEAGUE ORGANIZATIONS IN THE SECTOR. MANUFACTURING THE FIRST PRESSURE-REGULATED FLAT TYPE DRIP IRRIGATION PIPE IN TURKEY, HİDROPLASTİK IS NOTABLY CONTRIBUTING TO NATIONAL ECONOMY.



## Quality Management

WITH ITS HIGH PRODUCTION CAPACITY, WIDE PRODUCT RANGE AND PRODUCTION LINES EQUIPPED WITH STATE-OF-THE-ART TECHNOLOGY; HİDROPLASTİK MANUFACTURES HIGH-QUALITY MATERIALS IN ACCORDANCE WITH THE STANDARDS, PRIORITIZING CUSTOMER SATISFACTION. FULLY AUTOMATED PIPE PRODUCTION AND QUALITY CONTROL SYSTEM STARTS WITH RAW MATERIAL PROCUREMENT, COVERS EACH STAGE OF PRODUCTION AND EXTENDS TO THE END OF PRODUCTION PROCESS. WITH THE FINALIZATION OF MANUFACTURING PROCESS, EACH PRODUCT IS RIGOROUSLY SUBJECTED TO ALL TESTS SPECIFIED BY TURKISH STANDARDS INSTITUTION. OUR QUALITY POLICY CONSISTS OF PRODUCING SOLUTIONS WITH THE SENSE OF RESPONSIBILITY AND TEAMWORK, AND WITH THE CONTRIBUTION OF ALL OUR EMPLOYEES; TAKING THE CHANGING CUSTOMER EXPECTATIONS INTO CONSIDERATION.



# CORRUGATED PIPE

Corrugated pipes are products that are manufactured with Polypropylene and Polyethylene that are under Polyolefin group. Hidroplastik corrugated pipes are produced with extrusion corrugator molding technology using high-density polyethylene (HDPE) as raw material, in double-wall form and with integrated bushings. Integrated bushings allow decreases in labor and material costs. Since these pipes are highly resistant to chemicals, no corrosion occurs on the pipe wall. Thanks to their flexible structure, they are able to function without being affected from tremors such as earthquakes. Thanks to their life-long impermeability, ground water and soil contamination is prevented. Hidroplastik Corrugated Pipes are highly flexible, with high ring resistance and deformation tolerance values. Thanks to their very low surface roughness, these pipes do not allow reduction in flow capacity due to precipitation of colloids in waste water. Hidroplastik Corrugated Pipes are produced as SN4 and SN8, with diameters 100 - 1200 mm.



Light



Durable



Flexible



Environmentalist



Economic



## Areas of Use :

- Domestic and Industrial waste water conveyance systems
- Rain water drainage systems
- Underground drainage systems
- Non-pressure water conveyance lines (operating with gravity)
- Protection of buildings and constructions having water in foundations
- Remediation of muddy, loamy fields
- Infrastructures of open sports complexes
- Berm drainage of roads



## Corrugated Pipe Diameters : Ø (mm)

Ø100 • Ø150 • Ø200 • Ø300 • Ø350 • Ø400  
Ø450 • Ø500 • Ø600 • Ø800 • Ø1000 • Ø1200

## SLEEVE



Ø (mm)

Ø 100	Ø 400
Ø 150	Ø 450
Ø 200	Ø 500
Ø 300	Ø 600
Ø 350	

## CORRUGATED - PVC ADAPTOR



Ø (mm)

Ø 110 / 100
Ø 150 / 160

## GASKET



Ø (mm)

Ø 100	Ø 400
Ø 150	Ø 450
Ø 200	Ø 500
Ø 300	Ø 600
Ø 350	

## ELBOW



90° Ø (mm)

45° Ø (mm)

Ø 100	Ø 100
Ø 150	Ø 150
Ø 200	Ø 200
Ø 300	Ø 300
Ø 350	Ø 350

## C-PIECE



PVC Ø (mm)

PVC Ø (mm)

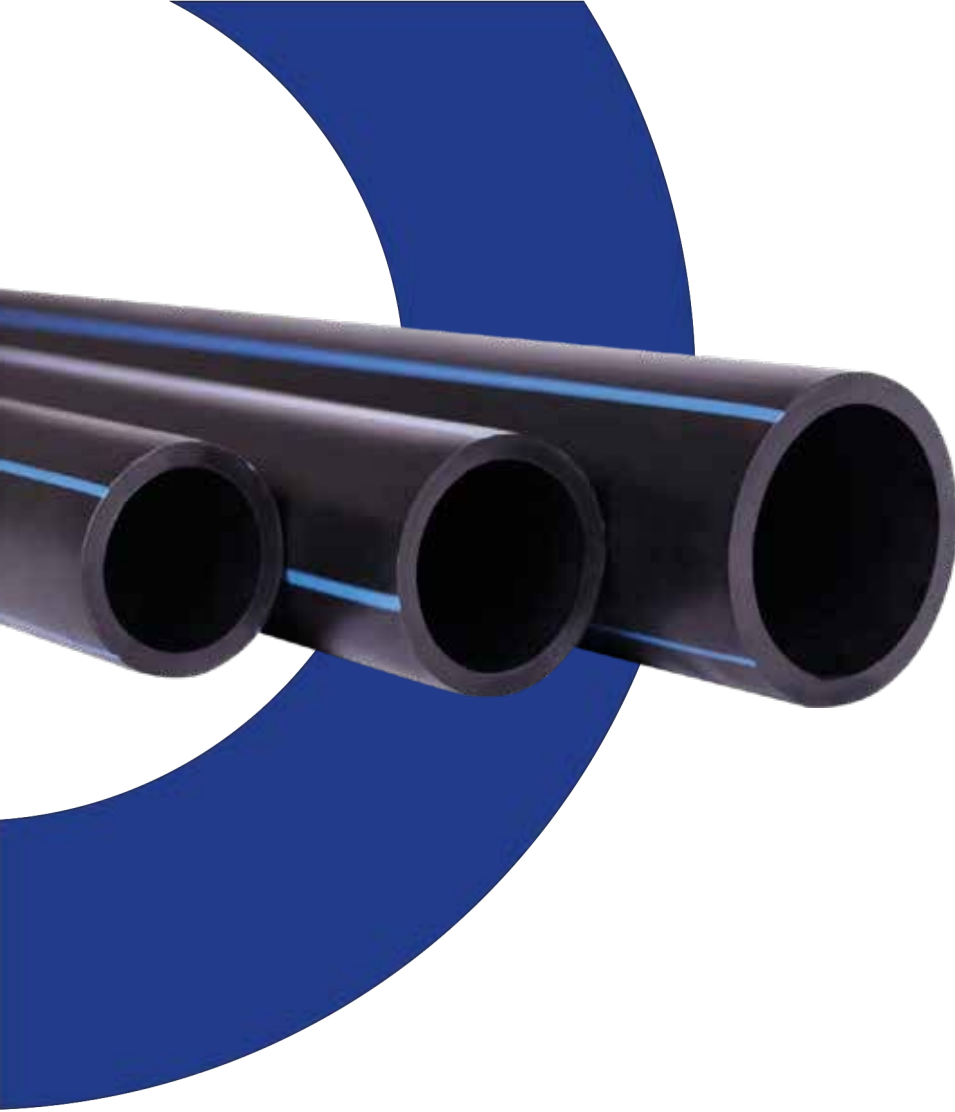
Ø 150 / 110	Ø 150 / 100
Ø 200 / 110	Ø 200 / 100
Ø 200 / 160	Ø 200 / 150
Ø 300 / 160	Ø 300 / 200

## REDUCER



Ø (mm)

Ø 150 / 100
Ø 200 / 150
Ø 300 / 200
Ø 400 / 300
Ø 500 / 400



# PE 100 PIPE

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Polyethylene 100 is the strongest PE pipe material of today. Hidroplastik PE 100 pipes are produced with the method of extrusion from high-density polyethylene depending on Nominal Pressure (PN), Standard Dimension Ratio (SDR) and Minimum Required Strength (MRS) values. Thanks to high MRS values, our pipes' wall thickness values are less than PE 100 pipes with same nominal pressure, as well as PE 63 and PE 80 pipes. This way, our pipes provide a higher flow conveyance capacity with same diameter, contributing positively to project costs. With their quality assurance in accordance with standards, Hidroplastik PE 100 pipes are successfully used in underground and above-ground water and liquid transportation systems, in geothermal systems operating under 40 C, in food plants and other fields. Hidroplastik PE 100 pipes are produced in PN4 to PN25 pressure classes, with diameters from 20 mm to 800 mm.



Light



Durable



Flexible



Environmentalist



Economic

## PE 100 PIPE FITTINGS

Fittings (Injection/Convection) used in Hidroplastik Polyethylene pipes is from DN20 to DN800.



PE 100 SLEEVE



BLIND PLUG



90° ELBOW



60° ELBOW



45° ELBOW



30° ELBOW



EQUAL T



INEGAL T



BRANCH



REDUCER



FLANGE  
ADAPTOR



BLIND  
FLANGE



STEEL  
FLANGE

# PE 100 PIPE

## PE 100 PIPES

SDR41-PN4			SDR33-PN5			SDR26-PN6			SDR21-PN8			SDR17-PN10			SDR13.6-PN12.5			SDR11-PN16			SDR9-PN20			SDR7.4-PN25		
DN	S	KG/M	DN	S	KG/M	DN	S	KG/M	DN	S	KG/M	DN	S	KG/M	DN	S	KG/M	DN	S	KG/M	DN	S	KG/M	DN	S	KG/M
																		20	2.00	0.11	20	2.30	0.13	20	3.00	0.16
												25	2.00	0.14	25	2.00	0.14	25	2.40	0.17	25	3.00	0.21	25	3.50	0.24
												32	2.00	0.19	32	2.40	0.22	32	3.00	0.27	32	3.60	0.32	32	4.40	0.38
									40	2.00	0.24	40	2.40	0.28	40	3.00	0.35	40	3.70	0.42	40	4.50	0.50	40	5.50	0.60
						50	2.00	0.30	50	2.40	0.36	50	3.00	0.44	50	3.70	0.54	50	4.60	0.66	50	5.60	0.78	50	6.90	0.94
			63	2.00	0.38	63	2.50	0.48	63	3.00	0.57	63	3.80	0.71	63	4.70	0.86	63	5.80	1.05	63	7.10	1.25	63	8.60	1.47
75	2.00	0.46	75	2.30	0.53	75	2.90	0.66	75	3.60	0.81	75	4.50	1.00	75	5.60	1.22	75	6.80	1.46	75	8.40	1.76	75	10.30	2.10
90	2.30	0.64	90	2.80	0.77	90	3.50	0.95	90	4.30	1.16	90	5.40	1.44	90	6.70	1.76	90	8.20	2.11	90	10.10	2.54	90	12.30	3.01
110	2.70	0.91	110	3.40	1.14	110	4.20	1.41	110	5.30	1.75	110	6.60	2.15	110	8.10	2.60	110	10.00	3.15	110	12.30	3.79	110	15.10	4.51
125	3.10	1.19	125	3.90	1.49	125	4.80	1.82	125	6.00	2.25	125	7.40	2.74	125	9.20	3.36	125	11.40	4.08	125	14.00	4.90	125	17.10	5.81
140	3.50	1.51	140	4.30	1.84	140	5.40	2.30	140	6.70	2.81	140	8.30	3.44	140	10.30	4.21	140	12.70	5.09	140	15.70	6.15	140	19.20	7.31
160	4.00	1.97	160	4.90	2.39	160	6.20	3.01	160	7.70	3.69	160	9.50	4.50	160	11.80	5.51	160	14.60	6.69	160	17.90	8.01	160	21.90	9.53
180	4.40	2.43	180	5.50	3.02	180	6.90	3.78	180	8.60	4.64	180	10.70	5.71	180	13.30	6.98	180	16.40	8.45	180	20.10	10.12	180	24.60	12.04
200	4.90	3.01	200	6.20	3.79	200	7.70	4.67	200	9.60	5.76	200	11.90	7.05	200	14.70	8.58	200	18.20	10.42	200	22.40	12.53	200	27.40	14.90
225	5.50	3.80	225	6.90	4.74	225	8.60	5.87	225	10.80	7.29	225	13.40	8.93	225	16.60	10.90	225	20.50	13.21	225	25.20	15.86	225	30.80	18.84
250	6.20	4.76	250	7.70	5.88	250	9.60	7.30	250	11.90	8.93	250	14.80	10.97	250	18.40	13.42	250	22.70	16.25	250	27.90	19.52	250	34.20	23.25
280	6.90	5.94	280	8.60	7.35	280	10.70	9.10	280	13.40	11.25	280	16.60	13.77	280	20.60	16.83	280	25.40	20.37	280	31.30	24.52	280	38.30	29.16
315	7.70	7.45	315	9.70	9.33	315	12.10	11.57	315	15.00	14.18	315	18.70	17.45	315	23.20	21.33	315	28.60	25.80	315	35.20	31.03	315	43.10	36.92
355	8.70	9.49	355	10.90	11.82	355	13.60	14.65	355	16.90	18.00	355	21.10	22.19	355	26.10	27.04	355	32.20	32.74	355	39.70	39.43	355	48.50	46.83
400	9.80	12.05	400	12.30	15.02	400	15.30	18.58	400	19.10	22.92	400	23.70	28.09	400	29.40	34.32	400	36.30	41.59	400	44.70	50.03	400	54.70	59.50
450	11.00	15.21	450	13.80	18.96	450	17.20	23.50	450	21.50	29.02	450	26.70	35.60	450	33.10	43.47	450	40.90	52.71	450	50.30	63.34	450	61.50	75.27
500	12.30	18.90	500	15.30	23.36	500	19.10	28.99	500	23.90	35.85	500	29.70	44.00	500	36.80	53.70	500	45.40	65.02	500	55.80	78.08			
560	13.70	23.58	560	17.20	29.41	560	21.40	36.38	560	26.70	44.86	560	33.20	55.10	560	41.20	67.33	560	50.80	81.49	560	62.20	97.54			
630	15.40	29.82	630	19.30	37.13	630	24.10	46.10	630	30.00	56.70	630	37.40	69.82	630	46.30	85.14	630	57.20	103.21						
710	17.40	37.96	710	21.80	47.26	710	27.20	58.63	710	33.90	72.20	710	42.10	88.58	710	52.20	108.17	710	64.50	131.16						
800	19.60	48.19	800	24.50	59.85	800	30.60	74.34	800	38.10	91.45	800	47.40	112.38	800	58.80	137.30	800	72.80	166.77						

# PE 80 NATURAL GAS PIPE



Natural gas pipes are produced using PE 80 class raw materials. Natural gas grid is a vital system with strictly zero fault tolerance. Therefore, we produce Hidroplastik PE 80 natural gas pipes with an advanced manufacturing technology and a highly sensitive control mechanism. We perform raw material quality control, production, laboratory test and final product quality control processes rigorously. Thanks to its elastic structure, it is not affected from earthquakes. Does not lose its elasticity, even in low temperatures. Highly resistant to chemicals and corrosion. High-quality and reliable Hidroplastik natural gas pipes are produced with our modern laboratory and expert team, being subjected to the tests in accordance with standards.

PE 80 NATURAL GAS PIPES											
SDR26-PN4			SDR17.6-PN6			SDR17-PN6.3			SDR11-PN10		
DN	S	KG/M	DN	S	KG/M	DN	S	KG/M	DN	S	KG/MT
									16	2.00	0.09
									20	2.00	0.12
									25	2.30	0.17
									32	3.00	0.28
			40	2.30	0.27	40	2.40	0.29	40	3.70	0.43
			50	2.90	0.43	50	3.00	0.45	50	4.60	0.67
63	2.50	0.48	63	3.60	0.67	63	3.80	0.72	63	5.80	1.06
75	2.90	0.66	75	4.30	0.96	75	4.50	1.02	75	6.80	1.49
90	3.50	0.95	90	5.20	1.39	90	5.40	1.46	90	8.20	2.15
110	4.20	1.40	110	6.30	2.06	110	6.60	2.19	110	10.00	3.21
125	4.80	1.82	125	7.10	2.63	125	7.40	2.79	125	11.40	4.15
140	5.40	2.29	140	8.00	3.32	140	8.30	3.50	140	12.70	5.18
160	6.20	3.00	160	9.10	4.32	160	9.50	4.58	160	14.60	6.81
180	6.90	3.76	180	10.30	5.50	180	10.70	5.81	180	16.40	8.60
200	7.70	4.66	200	11.40	6.77	200	11.90	7.18	200	18.20	10.61
225	8.60	5.86	225	12.80	8.55	225	13.40	9.09	225	20.50	13.44
250	9.60	7.26	250	14.20	10.54	250	14.80	11.16	250	22.70	16.54
280	10.70	9.07	280	16.00	13.29	280	16.60	14.02	280	25.40	20.73
315	12.10	11.53	315	17.90	16.74	315	18.70	17.77	315	28.60	26.26
355	13.60	14.61	355	20.20	21.28	355	21.10	22.59	355	32.30	33.42
400	15.30	18.52	400	22.80	27.06	400	23.70	28.59	400	36.40	42.44
450	17.20	23.43	450	25.60	34.19	450	26.70	36.24	450	41.00	53.77
500	19.10	28.91	500	28.50	42.29	500	29.60	44.64	500	45.50	66.31
560	21.40	36.27	560	31.90	53.01						
630	24.10	45.95	630	35.80	66.94						



# SPRINKLER PIPE

With Hidroplastik Sprinkler Pipes, water is conveyed to the sprinkler nozzles under a certain pressure, ensuring a uniform irrigation like rain. Hidroplastik sprinkler pipes are produced with requested bar and length, using High-Density Polyethylene (HDPE). Our pipes can be easily used in all kinds of lands, are resistant to sunlight (UV), unbreakable, resistant to corrosion, lightweight and easy to connect. Hidroplastik Sprinkler Irrigation System is the ideal method used in lands with drainage problem. Furthermore, in regions close to the sea, before the salt particles and dusts accumulated on leaves due to the salty water carried with wind harm plants, it is possible to easily wash away these particles with Hidroplastik Sprinkler Irrigation.



Light



Durable



Flexible



Environmentalist



Economic



**Sprinkler Pipe Diameters : Ø (mm)**

ø63 • ø75 • ø90 • ø110 • ø125 • ø140 • ø160

## MALE NOZZLE

Ø (mm)



63	125
75	140
90	160
110	

## SPRINKLER IRRIGATION HYDRANT

Ø (mm)



63
75
90
110

## FEMALE NOZZLE

Ø (mm)



63	125
75	140
90	160
110	

## SPIDER

Ø (mm)



63 x 63	110 x 75	125 x 125	160 x 90
75 x 63	110 x 90	140 x 75	160 x 110
75 x 75	110 x 110	140 x 90	160 x 125
90 x 63	125 x 63	140 x 110	160 x 140
90 x 75	125 x 75	140 x 125	160 x 160
90 x 90	125 x 90	140 x 140	
110 x 63	125 x 110	160 x 75	

## T-PIECE

Ø (mm)



63 x 63	110 x 75	125 x 125	160 x 90
75 x 63	110 x 90	140 x 75	160 x 110
75 x 75	110 x 110	140 x 90	160 x 125
90 x 63	125 x 63	140 x 110	160 x 140
90 x 75	125 x 75	140 x 125	160 x 160
90 x 90	125 x 90	140 x 140	
110 x 63	125 x 110	160 x 75	

## MALE AND FEMALE BLIND PLUG

Ø (mm)



63	125
75	140
90	160
110	

## REDUCER

Ø (mm)



75 x 63	125 x 75	160 x 75
90 x 63	125 x 90	160 x 90
90 x 75	125 x 110	160 x 110
110 x 63	140 x 75	160 x 125
110 x 75	140 x 90	160 x 140
110 x 90	140 x 110	
125 x 63	160 x 125	

## GASKET

Ø (mm)



63	125
75	140
90	160
110	

# DRIP PIPE



Manufacturing the first Pressure-Regulated Flat Type Drip Irrigation Pipe in Turkey, Hidroplastik offers high-quality and advanced technology in drip irrigation to Turkish farmers with its young and dynamic team.

Hidroplastik drip irrigation pipes are produced with an extrusion line having the most advanced technology in the world, using UV-reinforced original PE raw materials. With drip irrigation system, the plants are irrigated more frequently, using less water, without being subjected to stress of drought. The main purpose of drip irrigation system is to ensure a continuous and sufficient moisture environment in soil. The less the change in this sufficient moisture level, the less energy the plants need to spend for water intake. Drip irrigation is an excellent system that decreases input costs for all row-planted crops, increasing yield and quality. Because the quality of drip pipe is extremely important for uniform distribution of water on land, and for ensuring that each crop receives equal amount of water and fertilizer. A good drip irrigation pipe should be able to provide equal amount of water along the line and convey the water as far as possible. The best drip irrigation pipes providing these features are those with pressure regulators. Because the drippers with pressure regulators can provide a uniform flow without being affected from pressure changes. Hidroplastik Drip Irrigation Pipes are produced with 16 mm and 20 mm diameters. According to customer request, dripping distances can be changed. According to customer request, dripping distances can be changed.



Light



Durable



Flexible



Environmentalist



Economic



## ADAPTO

Ø (mm)



16 x 16  
16 x 20  
17 x 17  
17 x 16  
17 x 20  
20 x 20

## THREADED MALE ELBOW

Ø (mm)



16 x 1/2"  
16 x 1/4"  
20 x 1/2"  
20 x 3/4"

## 6-WAY CONNECTOR

Ø (mm)



3/4" x 16  
3/4" x 20

## MALE ADAPTOR

Ø (mm)



16 x 1/2"  
16 x 3/4"  
20 x 1/2"  
20 x 3/4"

## ELBOW

Ø (mm)



16 x 16  
20 x 20

## 4-WAY CONNECTOR

Ø (mm)



3/4" x 16  
3/4" x 20

## T CONNECTOR

Ø (mm)



16 x 16 x 16  
20 x 20 x 20  
20 x 16 x 20  
16 x 20 x 16

## Y MALE CONNECTOR

Ø (mm)



3/4" x 16  
3/4" x 20

## 3-WAY ELBOW CONNECTOR

Ø (mm)



3/4" x 16  
3/4" x 20

## THREADED T CONNECTOR

Ø (mm)



16 x 1/2" x 16  
16 x 3/4" x 16  
20 x 1/2" x 20  
20 x 3/4" x 20

## 3-WAY Y MALE CONNECTOR

Ø (mm)



3/4" x 16  
3/4" x 20

## WAY ELBOW CONNECTOR

Ø (mm)



3/4" x 16  
3/4" x 20

## PRIMARY CONNECTOR

Ø (mm)



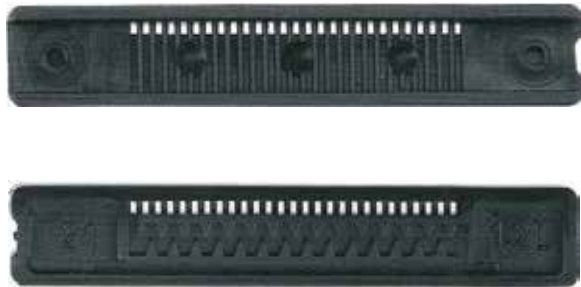
16 mm  
20 mm

## PRIMARY CONNECTOR WITH RUBBER GASKET



## INTEGRAL DRIPPER WITH FLAT AND THIN WALL

Drippers providing a dripping rate of LIN 0.8, 1.2, 1.6, 2.0 and 4.0 l/hour



## DRIPPER WITH PRESSURE REGULATOR

Drippers providing a dripping rate of VARDIT 0.8, 1.2, 1.6, 2.1 and 3.4 l/hour



PRODUCT	DIAMETER	INNER DIAMETER	THICKNESS	OPERATING PRESSURE (BAR)	OPERATING PRESSURE (BAR)
LIN 16	16	15.8	6 Mil (0.15 mm)	0.8	1.5
	16	15.6	8 Mil (0.2 mm)	0.8	2.0
	16	15.2	16 Mil (0.4 mm)	0.8	2.0
	16	14.8	24 Mil (0.6 mm)	0.8	2.5
	16	14.8	36 Mil (0.9 mm)	0.8	3.5
LIN 20	20	18.2	36 Mil (0.9 mm)	0.8	3.5
	20	17.5	50 Mil (1.25 mm)	0.8	4.3

PRODUCT	DIAMETER	INNER DIAMETER	THICKNESS	OPERATING PRESSURE (BAR)	OPERATING PRESSURE (BAR)
VARDIT 16	16	15.2	16 Mil (0.4 mm)	0.8	2.0
	16	14.8	24 Mil (0.6 mm)	0.8	2.5
	16	14.2	36 Mil (0.9 mm)	0.8	3.5
	16	13.7	46 Mil (1.15 mm)	0.8	4.3
	20	18.2	36 Mil (0.9 mm)	0.8	3.5
VARDIT 20	20	17.6	48 Mil (1.2 mm)	0.8	4.3

# DRAINAGE PIPE



Hidroplastik Drainage Pipes are circular spiral pipes produced from hard PVC, conveying the excess water in areas, where groundwater level is high, to required areas. Produced with diameters from 50 mm to 200 mm in accordance with standards, Hidroplastik Drainage Pipes are resistant to friction and crushing. You can safely use Hidroplastik Drainage Pipes in removal of excess water in agricultural lands, removal of groundwater of structures having water in their foundations, remediation of muddy lands, foundation drainage of construction sites, road constructions and all other drainage applications.

## Drainage Pipe Diameters : Ø (mm)

Ø50 • Ø80 • Ø100 • Ø125 • Ø160 • Ø200

### SLEEVE

Ø (mm)



50
80
100
125
160
200

### REDUCER

Ø (mm)



125/100
160/125
200/160

### STRAINER

Ø (mm)



50
80
100
125
160
200

### OUTLET PIPE

Ø (mm)



50
80
100
125
160
200

### BLIND PLUG

Ø (mm)



50
80
100
125
160
200

# PPRC PIPE



Extremely resistant to polypropylene chemical solvents (acids and bases) obtained by polymerization of monomer propylene. Produced in accordance with TS EN ISO 15874 standards, Hidroplasterm PPRC Pipes and Fittings are produced from Type-3 class raw materials defined as PP (Polypropylene Random Copolymer). With this raw material exhibiting a high resistance to heat and chemical effects, Hidroplasterm PPRC Pipes and Fittings are used in all kinds of hot and cold waterworks inside buildings. Furthermore, having this raw material, Hidroplasterm PPRC Pipes and Fittings have a hygienic structure that prevents discoloration, odors, bacteria, lime and corrosion. Hidroplasterm PPRC Pipes are produced with diameters 20 mm to 63 mm.

HİDROPLASTERM PPRC BORU / PPRC PIPE								
S5 - SDR11 - 10BAR			S3.2 - SDR7.4 - 4-16BAR			S2.5 - SDR6 - 20BAR		
DN	S	KG/MT	DN	S	KG/MT	DN	S	KG/MT
20	1.9	0.107	20	2.8	0.148	20	3.4	0.172
25	2.3	0.164	25	3.5	0.23	25	4.2	0.266
32	2.9	0.261	32	4.4	0.37	32	5.4	0.434
40	3.7	0.412	40	5.5	0.575	40	6.7	0.671
50	4.6	0.638	50	6.9	0.896	50	8.3	1.04
63	5.8	1.01	63	8.6	1.41	63	10.5	1.65
75	6.8	1.41	75	10.3	2.01	75	12.5	2.34
90	8.2	2.03	90	12.3	2.87	90	15	3.36
110	10	3.01	110	15.1	4.3	110	18.3	5.01

## SLEEVE

Ø (mm)



20
25
32
40
50
63

## 90 MALE ELBOW

Ø (mm)



20 - 1/2"
20 - 3/4"
25 - 1/2"
25 - 3/4"
32 - 3/4"
32 - 1"

## BLIND PLUG

Ø (mm)



20
25

## 45 ELBOW

Ø (mm)



20
25
32

## T

Ø (mm)



20
25
32
40
50
63

## 90 FEMALE ELBOW

Ø (mm)



20 - 1/2"
20 - 3/4"
25 - 1/2"
25 - 3/4"
32 - 3/4"
32 - 1"

## INTERNAL-THREAD T

Ø (mm)



20 - 1/2"
20 - 3/4"
25 - 1/2"
25 - 3/4"
32 - 3/4"
32 - 1"

## 90 ELBOW

Ø (mm)



20
25
32
40
50
63

## INEGAL T

Ø (mm)



20 - 25 - 20
25 - 20 - 20
25 - 20 - 25
32 - 20 - 20
32 - 20 - 32
32 - 25 - 20
32 - 25 - 32

## SPIDER

Ø (mm)



20
25
32
40

## EXTERNAL-THREAD T

Ø (mm)



20 - 1/2"
20 - 3/4"
25 - 1/2"
25 - 3/4"
32 - 1"

## MALE NIPPLE

Ø (mm)



20 - 1/2"
20 - 3/4"
25 - 1/2"
25 - 3/4"
32 - 1"

## REDUCER

Ø (mm)



25 - 20	50 - 25
32 - 20	50 - 32
32 - 25	50 - 40
40 - 20	63 - 25
40 - 25	63 - 32
40 - 32	63 - 40
50 - 20	63 - 50

## CLOSING CAP

Ø (mm)



20
25
32
40
50
63

## BEND

Ø (mm)



20
25
32

## FEMALE NIPPLE

Ø (mm)



20 - 1/2"
20 - 3/4"
25 - 1/2"
25 - 3/4"
32 - 1"

# INJECTION

Plastic injection is basically a plastic component production method suitable for mass production. This method is based on injection of melt material, having a temperature range above the melt temperature of plastic material, into the cavities of a closed mold; adjusting the dimensions and visual tolerances of component to an acceptable level with ironing and holding phase, then lowering the temperature of plastic below demolding temperature and removing it from the mold. Acquiring the international standards in plastic injection sector, our company takes the rapid progress and increasing competition in the sector into consideration, and follows the developments in the sector. We serve in plastic injection sector with high-quality raw materials, a modern machine and equipment park, and an expert team.



Light



Durable



Flexible



Environmentalist



Economic



## Product Features :

- 4° 20' and with required angles
- Open end
- Polypropylene and other polymers as raw material
- Resistant to vapor and paint
- With required color and quantity

## ÖLÇÜ TABLOSU / SIZE CHART

TİP	D1	D2	D3	D4	L	S
4° 20'	55mm	33mm	38mm	61mm	170mm	3mm



# KARKIN

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