akansu pipe

Product Catalogue

akansu group
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AKANSU GROUP founded in 1915 and operates in three different sectors.

AKANSU GROUP started its business life in 1915 with the sale of glass under the brand name of AKANSU GLASS brand.

AKANSU GLASS, the leading company in its sector, has a wide range of products to meet the demands of the market.

In 1996, it started to produce plastic window and door profile systems under the brand of AKANSU PROFILE. It has successfully completed many prestigious housing projects with its dealer networks in Turkey and abroad.

In 2006, it started the production of infrastructure plastic pipes with the AKANSU PIPE brand. AKANSU PIPE, which continues its investments rapidly, completed the investment of a equipped with the latest technology new production facility with an area of 100,000 m2 in 2017. With the investment it has put into operation, it has become one of the factories with the highest production capacity in Turkey and Europe. In 2018, it started the production of superstructure plastic pipes and fittings.

AKANSU PIPE manufactures infrastructure and superstructure plastic product groups with the latest technology and full automation production techniques. AKANSU PIPE, which has an accredited and independent testing laboratory within its structure, is also a brand that has international quality certificates and is approved by institutions of many countries.

AKANSU PIPE has successfully completed the production and sale of many prestigious infrastructure and superstructure projects at home and abroad.

Its purpose is to put on the market products that provide quality and customer satisfaction by following new technologies in developing and changing world.

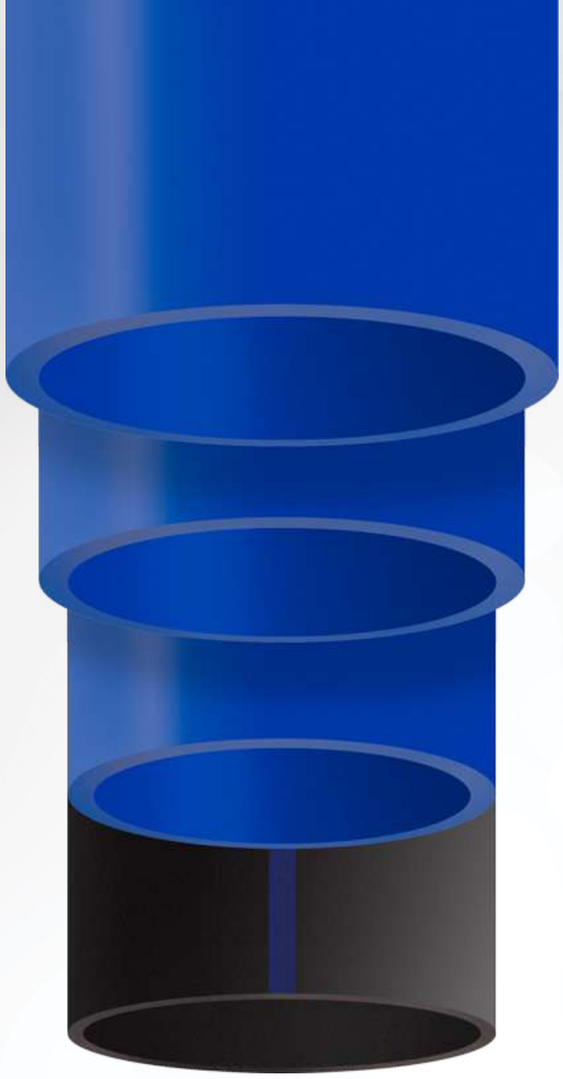
infrastructure pipes

THE ADVANTAGES OF HDPE 100 POLYETHYLENE PIPES

- Long lasting, corrosion-free, non-decaying and highly resisant
- Flexible, easy to assemble and transport
- Highly resistans to sun-light
- Non-leaking under pressure
- Inexpensive in comparison with metal equipments
- When manufactured in coils, fewer connections needed
- Possibility of welding prevents water loss
- Resistant to shock
- More convenient than metal pipes in earthquake and landslide zones thanks to 350 % flexibility.

THE USAGE AREAS OF HDPE 100 POLYETHYLENE PIPES

- Drinking water systems
- Agriculturel watering systems
- Industrial
- Pool systems
- Sewer systems and liquid transportation systems



HDPE 100 PIPES - TS EN 12201-2+A1 & ISO 4427-2

SDR 41 PN 4 ATM		SDR 33 PN 5 ATM		SDR 26 PN 6 ATM		SDR 21 PN 8 ATM		SDR 17 PN 10 ATM		SDR 13,6 PN 12,5 ATM		SDR 11 PN 16 ATM		SDR 9 PN 20 ATM		SDR 7,4 PN 25 ATM		SDR 6 PN 32 ATM	
DN (mm)	S (mm)	DN (mm)	S (mm)	DN (mm)	S (mm)	DN (mm)	S (mm)	DN (mm)	S (mm)	DN (mm)	S (mm)	DN (mm)	S (mm)	DN (mm)	S (mm)	DN (mm)	S (mm)	DN (mm)	S (mm)
20		20		20		20		20		20		20	2,00	20	2,30	20	3,00	20	3,40
25		25		25		25		25		25	2,00	25	2,30	25	3,00	25	3,50	25	4,20
32		32		32		32		32	2,00	32	2,30	32	3,00	32	3,60	32	4,40	32	5,40
40		40		40		40		40	2,40	40	3,00	40	3,70	40	4,50	40	5,50	40	6,70
50		50		50	1,80	50	2,40	50	3,00	50	3,70	50	4,60	50	5,60	50	6,90	50	8,30
63		63	2,00	63	2,40	63	3,00	63	3,80	63	4,70	63	5,80	63	7,10	63	8,60	63	10,50
75		75	2,30	75	2,70	75	3,60	75	4,50	75	5,60	75	6,80	75	8,40	75	10,30	75	12,50
90	2,30	90	2,80	90	3,30	90	4,30	90	5,40	90	6,70	90	8,20	90	10,10	90	12,30	90	15,00
110	2,70	110	3,40	110	4,00	110	5,30	110	6,60	110	8,10	110	10,00	110	12,30	110	15,10	110	18,30
125	2,50	125	3,90	125	4,50	125	6,00	125	7,40	125	9,20	125	11,40	125	14,00	125	17,10	125	20,80
140	3,50	140	4,30	140	5,10	140	6,70	140	8,30	140	10,30	140	12,70	140	15,70	140	19,20	140	23,30
160	4,00	160	4,90	160	5,80	160	7,70	160	9,50	160	11,80	160	14,60	160	17,90	160	21,90	160	26,60
180	4,40	180	5,50	180	6,50	180	8,60	180	10,70	180	13,30	180	16,40	180	20,10	180	24,60	180	29,90
200	4,90	200	6,20	200	7,20	200	9,60	200	11,90	200	14,70	200	18,20	200	22,40	200	27,40	200	33,20
225	5,50	225	6,90	225	8,20	225	10,80	225	13,40	225	16,60	225	20,50	225	25,20	225	30,80	225	37,40
250	6,20	250	7,70	250	9,10	250	11,90	250	14,80	250	18,40	250	22,70	250	27,90	250	34,20	250	41,50
280	6,90	280	8,60	280	10,10	280	13,40	280	16,60	280	20,60	280	25,40	280	31,30	280	38,30	280	46,50
315	7,70	315	9,70	315	11,40	315	15,00	315	18,70	315	23,20	315	28,60	315	35,20	315	43,10	315	52,30
355	8,70	355	10,90	355	12,90	355	16,90	355	21,10	355	26,10	355	32,20	355	39,70	355	48,50	355	59,20
400	9,80	400	12,30	400	14,50	400	19,10	400	23,70	400	29,40	400	36,30	400	44,70	400	54,70	400	66,70
450	11,00	450	13,80	450	16,30	450	21,50	450	26,70	450	33,10	450	40,90	450	50,30	450	61,50	450	
500	12,30	500	15,30	500	18,10	500	23,90	500	29,70	500	36,80	500	45,40	500	55,80	500		500	
560	13,70	560	17,20	560	20,30	560	26,70	560	33,20	560	41,20	560	50,80	560	62,20	560		560	
630	15,40	630	19,30	630	22,80	630	30,00	630	37,40	630	46,30	630	57,20	630		630		630	
710	17,40	710	21,80	710	25,70	710	33,90	710	42,10	710	52,20	710	64,50	710		710		710	
800	19,60	800	24,50	800	29,00	800	38,10	800	47,40	800	58,80	800	72,60	800		800		800	

- PN: Nominal Pressure
- DN: Diameter Nominal
- SDR: Standard Diamention Rate
- S: Pipe Thickness
- DN 20mm to 110mm (included) L=100m coil done.

akansu RC

THE ADVANTAGES OF HDPE 100 RC PIPES

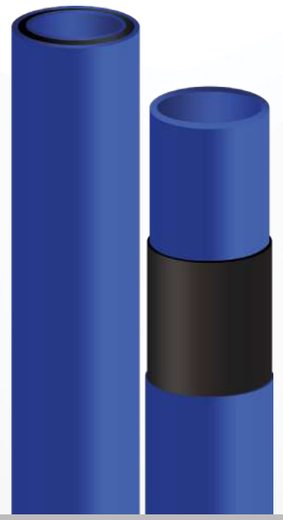
- It is long-lasting, rustproof, rotting, high strength and corrosion resistant.
- Good abrasion resistance.
- It is resistant to impacts.
- High resistance to slow crack growth.
- Easy to carry, easy to assemble.
- High chemical resistance.
- It has highly resistance against sunlight.
- Good resistance to point loads (e. g. stones, fragments)
- It does not leak under pressure.
- They can be used for pipe-laying without trenches.
- Optimal choice for pipe-laying without sand embedding and backfill.
- Provides assembly compatibility with classic HDPE pipes.
- It is more economical than metal material.
- As it is possible to join by welding, the network eliminates water loss.
- It is resistant to impacts.
- In regions with earthquakes and landslides, it is more durable against PVC and metal based pipes thanks to the 350% flexural property of the pipe.

THE USAGE AREAS OF HDPE 100 RC PIPES

- Drinking water networks
- Irrigation systems
- Natural gas
- Industrial waste systems
- Wastewater and drainage systems
- Cooling water lines
- Deep sea discharge
- Cable protection system
- Sewage

- Type-2 Production for 3 layers are between DN 20mm and 63mm
- Type-2 Production for 2 layers are between DN 110mm and 400mm
- Type-1 Production for 1 layer are between DN 20mm and 800mm





HDPE 100 PIPES - TS EN 12201-2+A1

SDR 41 PN 4 ATM		SDR 33 PN 5 ATM		SDR 26 PN 6 ATM		SDR 21 PN 8 ATM		SDR 17 PN 10 ATM		SDR 13,6 PN 12,5 ATM		SDR 11 PN 16 ATM		SDR 9 PN 20 ATM		SDR 7,4 PN 25 ATM		SDR 6 PN 32 ATM	
DN (mm)	S (mm)	DN (mm)	S (mm)	DN (mm)	S (mm)	DN (mm)	S (mm)	DN (mm)	S (mm)	DN (mm)	S (mm)	DN (mm)	S (mm)	DN (mm)	S (mm)	DN (mm)	S (mm)	DN (mm)	S (mm)
20		20		20		20		20		20		20	2,00	20	2,30	20	3,00	20	3,40
25		25		25		25		25		25	2,00	25	2,30	25	3,00	25	3,50	25	4,20
32		32		32		32		32	2,00	32	2,30	32	3,00	32	3,60	32	4,40	32	5,40
40		40		40		40		40	2,40	40	3,00	40	3,70	40	4,50	40	5,50	40	6,70
50		50		50	1,80	50	2,40	50	3,00	50	3,70	50	4,60	50	5,60	50	6,90	50	8,30
63		63	2,00	63	2,40	63	3,00	63	3,80	63	4,70	63	5,80	63	7,10	63	8,60	63	10,50
75		75	2,30	75	2,70	75	3,60	75	4,50	75	5,60	75	6,80	75	8,40	75	10,30	75	12,50
90	2,30	90	2,80	90	3,30	90	4,30	90	5,40	90	6,70	90	8,20	90	10,10	90	12,30	90	15,00
110	2,70	110	3,40	110	4,00	110	5,30	110	6,60	110	8,10	110	10,00	110	12,30	110	15,10	110	18,30
125	2,50	125	3,90	125	4,50	125	6,00	125	7,40	125	9,20	125	11,40	125	14,00	125	17,10	125	20,80
140	3,50	140	4,30	140	5,10	140	6,70	140	8,30	140	10,30	140	12,70	140	15,70	140	19,20	140	23,30
160	4,00	160	4,90	160	5,80	160	7,70	160	9,50	160	11,80	160	14,60	160	17,90	160	21,90	160	26,60
180	4,40	180	5,50	180	6,50	180	8,60	180	10,70	180	13,30	180	16,40	180	20,10	180	24,60	180	29,90
200	4,90	200	6,20	200	7,20	200	9,60	200	11,90	200	14,70	200	18,20	200	22,40	200	27,40	200	33,20
225	5,50	225	6,90	225	8,20	225	10,80	225	13,40	225	16,60	225	20,50	225	25,20	225	30,80	225	37,40
250	6,20	250	7,70	250	9,10	250	11,90	250	14,80	250	18,40	250	22,70	250	27,90	250	34,20	250	41,50
280	6,90	280	8,60	280	10,10	280	13,40	280	16,60	280	20,60	280	25,40	280	31,30	280	38,30	280	46,50
315	7,70	315	9,70	315	11,40	315	15,00	315	18,70	315	23,20	315	28,60	315	35,20	315	43,10	315	52,30
355	8,70	355	10,90	355	12,90	355	16,90	355	21,10	355	26,10	355	32,20	355	39,70	355	48,50	355	59,20
400	9,80	400	12,30	400	14,50	400	19,10	400	23,70	400	29,40	400	36,30	400	44,70	400	54,70	400	66,70
450	11,00	450	13,80	450	16,30	450	21,50	450	26,70	450	33,10	450	40,90	450	50,30	450	61,50	450	
500	12,30	500	15,30	500	18,10	500	23,90	500	29,70	500	36,80	500	45,40	500	55,80	500		500	
560	13,70	560	17,20	560	20,30	560	26,70	560	33,20	560	41,20	560	50,80	560	62,20	560		560	
630	15,40	630	19,30	630	22,80	630	30,00	630	37,40	630	46,30	630	57,20	630		630		630	
710	17,40	710	21,80	710	25,70	710	33,90	710	42,10	710	52,20	710	64,50	710		710		710	
800	19,60	800	24,50	800	29,00	800	38,10	800	47,40	800	58,80	800	72,60	800		800		800	

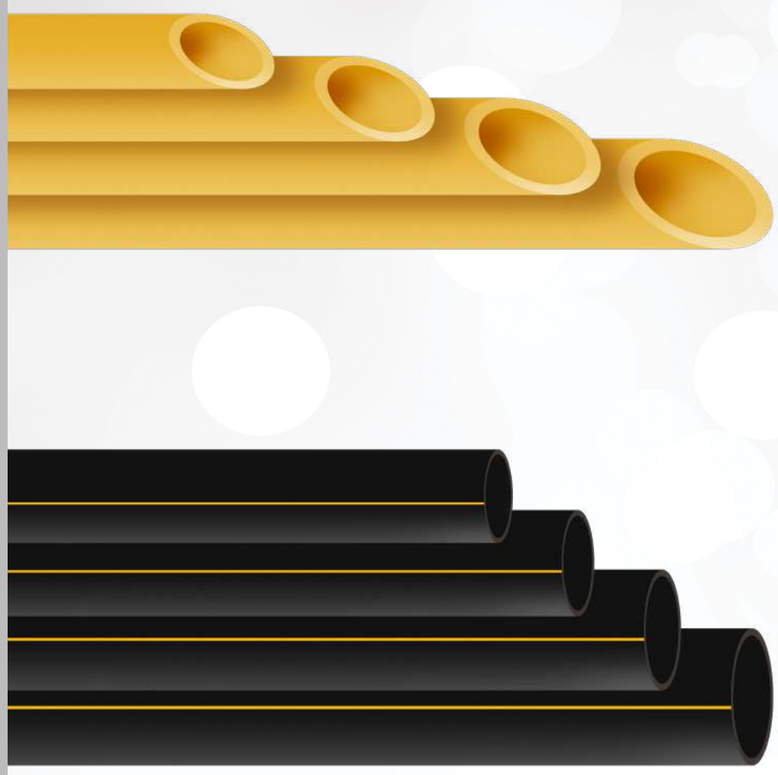
- PN: Nominal Pressure
- DN: Diameter Nominal
- SDR: Standard Diamention Rate
- S: Pipe Thickness
- DN 20mm to 110mm (included) L=100m coil done.

THE ADVANTAGES OF PE-80 NATURAL GAS PIPES

- Highly resistant to shocks and corrosion.
- Assembly through electro-fusion method prevents gas leaks.
- With the strangling method, gas flow can be interrupted during repair.
- When manufactured in coils, fewer connections needed. These minimizes the risk of joint leaks.
- Easy to assemble.
- Production of the PE-80 pipes out of raw materials which are resistant to natural gas, they are long-lasting and economic.

THE USAGE AREAS OF PE-80 NATURAL GAS PIPES

- Natural gas systems.



PE 80 NATURAL GAS PIPES TS EN 1552-2

SDR 11			SDR 17			SDR 17,6		
DN (mm)	S (mm)	Length (m)	DN (mm)	S (mm)	Length (m)	DN (mm)	S (mm)	Length (m)
20	3,00	100-200 / Coil						
25	3,00	100-200 / Coil						
32	3,00	100-200 / Coil						
40	3,70	100-200 / Coil	40	2,40	100-200 / Coil			
50	4,60	100-200 / Coil	50	3,00	100-200 / Coil			
63	5,80	100-200 / Coil	63	3,80	100-200 / Coil	63	3,60	100-200 / Coil
75	6,90	100-200 / Coil	75	4,50	100-200 / Coil	75	4,30	100-200 / Coil
90	8,20	100-200 / Coil	90	5,40	100-200 / Coil	90	5,20	100-200 / Coil
110	10,00	100-200 / Coil	110	6,60	100-200 / Coil	110	6,30	100-200 / Coil
125	11,40	173 / Coil	125	7,40	100-200 / Coil	125	7,10	100-200 / Coil
140	12,70	6 - 12 - 13,5						
160	14,60	6 - 12 - 13,5						
180	16,40	6 - 12 - 13,5						
200	18,20	6 - 12 - 13,5						

- PN: Nominal Pressure
- DN: Diameter Nominal
- SDR: Standard Diamention Rate
- S: Pipe Thickness
- DN 20mm to 110mm (included) L=100m coil done. Only DN 125mm L=173m coil done.

THE ADVANTAGES OF MDPE 80 PIPES

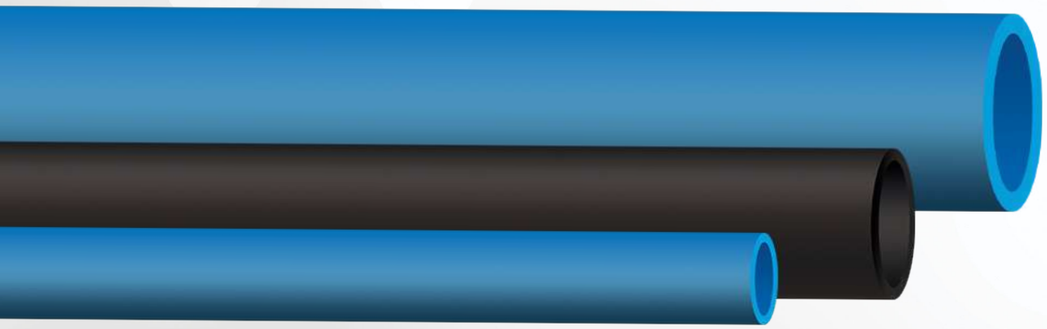
- All features that apply for PE-80 pipes are also valid for Medium Density Polyethylene Pipes.
- Easy to use in system joints.
- Used to transport water above the ground and resistant to sun-light.
- Pipes can be supply in 25, 50, 100, 150 and 200 meters coil.

THE USAGE AREAS OF MDPE 80 PIPES

- Produced in miscellaneous diameter and pressure, these pipes are used in;
- Drinking water system connections
- Pool systems
- Liquid transportation systems







MDPE 80 PIPES - TS EN 12201-2+A1 & ISO 4427-2

SDR 13,6 PN 10 ATM		SDR 11 PN 12,5 ATM		SDR 9 PN 16 ATM	
DN (mm)	S (mm)	DN (mm)	S (mm)	DN (mm)	S (mm)
20		20	2,00	20	2,30
25	2,00	25	2,30	25	3,00
32	2,40	32	3,00	32	3,60
40	3,00	40	3,70	40	4,50
50	3,70	50	4,60	50	5,60
63	4,70	63	5,80	63	7,10
75	5,60	75	6,80	75	8,40
90	6,70	90	8,20	90	10,10
110	8,10	110	10,00	110	12,30

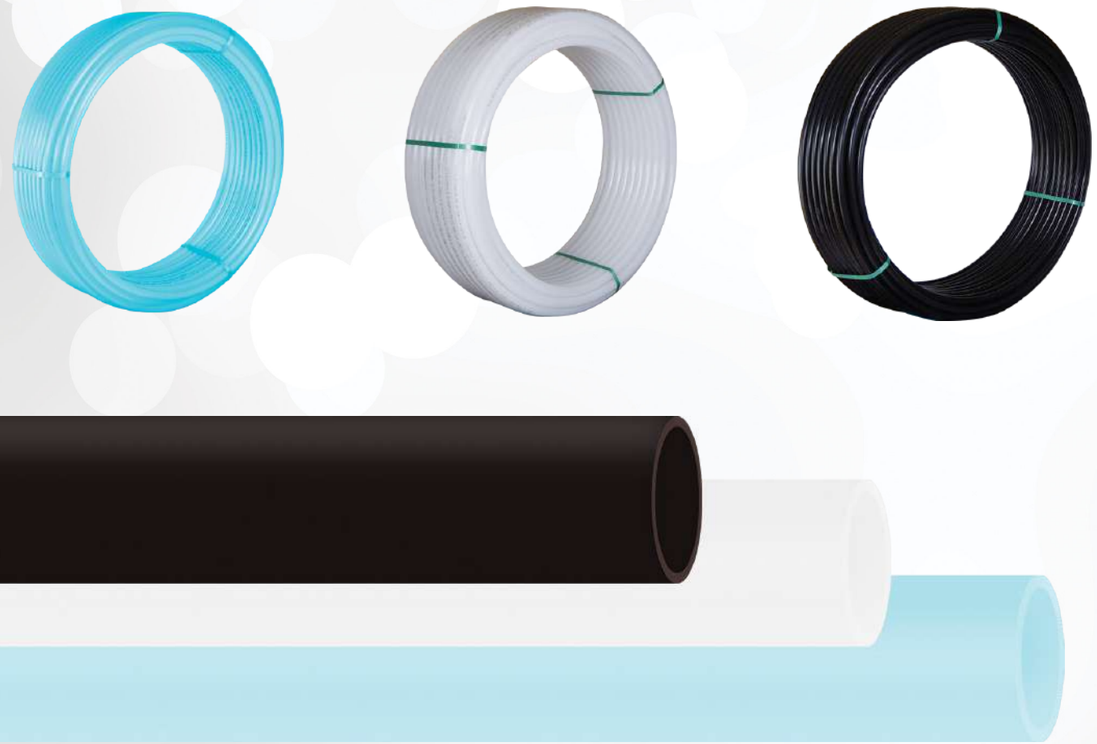
- DN: Diameter Nominal
- SDR: Standard Diamention Rate
- S: Pipe Thickness

THE ADVANTAGES OF LDPE PIPES

- Il features that apply for PE-100 pipes are also valid for Low Density Polyethylene Pipes.
- Easy to use in system joints.
- Used to transport water above the ground and resistant to sun-light.

THE USAGE AREAS OF LDPE PIPES

- Produced in miscellaneous diameter and pressure, these pipes are used in;
- Drinking water system connections
- Pool systems
- Liquid transportation systems



LDPE 32 - LOW DENSITY POLYETHYLENE PIPES

SDR 9,4 - PN 6 ATM			SDR 6 - PN 10 ATM		
DN (mm)	S (mm)	Length (m)	DN (mm)	S (mm)	Length (m)
20	2,20	100 Coil	20	3,40	100 Coil
25	2,70	100 Coil	25	4,20	100 Coil
32	3,50	100 Coil	32	5,40	100 Coil
40	4,30	100 Coil	40	6,70	100 Coil
50	5,40	100 Coil	50	8,30	100 Coil
63	6,80	100 Coil	63	10,50	100 Coil
75	8,10	100 Coil	75	12,50	100 Coil
90	9,70	100 Coil	90	15,00	100 Coil

- PN: Nominal Pressure
- DN: Diameter Nominal
- SDR: Standard Diamention Rate
- S: Pipe Thickness
- DN 20mm to 110mm (included) L=100m coil done.

THE ADVANTAGES OF PE ELECTRICAL CABLE PROTECTION PIPE

- The pipes are designed to protect cables in the underground installation or installation inside the building.
- In the protection of data and energy transmission cables.

THE USAGE AREAS OF PE ELECTRICAL CABLE PROTECTION PIPE

- Since the pipes are produced in three layers, they are resistant to the influence of water, the components contained in concrete and other building materials, corrosion and other external effects.
- Since it can be produced in 25, 50, 100 and 150 mt coils, it can be installed easily.
- Saves labor force and time.
- Ring stiffness of the pipe is very large and depending on the diameter and type of pipe can be over 50 KN / m^2 and can be used in places increased load floor in accordance with the static calculation.
- Flexibility and elongation coefficient are quite high.



PE ELECTRICAL CABLE PROTECTION PIPE TABLE

SDR 17		SDR 13,6		SDR 11	
DN (mm)	S (mm)	DN (mm)	S (mm)	DN (mm)	S (mm)
20		20		20	2,00
25		25	2,00	25	2,30
32	2,00	32	2,30	32	3,00
40	2,40	40	3,00	40	3,70
50	3,00	50	3,70	50	4,60
63	3,80	63	4,70	63	5,80

- PN: Nominal Pressure
- DN: Diameter Nominal
- SDR: Standard Diamention Rate
- S: Pipe Thickness

THE USAGE AREAS OF PVC PIPES

- Drinking water systems
- Agriculturel watering systems
- Waste water systems
- Sewer systems
- Industrial plants
- Fire protection systems
- Swimming pools
- Discharge systems
- Cable protection and isolation

THE ADVANTAGES OF PVC PIPES

- Resistant to corrosion
- Resistant to shock and pressure
- Smooth, straight, homogeneous inner surface prevents bacterial existence and odor.
- Easy to transport and assembly with the piece length of 6m



U-PVC PRESSURE PIPES TS EN ISO 1452-2

PN6 ATM			PN10 ATM			PN16 ATM		
DN (mm)	S Standard (mm)	S Tolerance (mm)	DN (mm)	S Standard (mm)	S Tolerance (mm)	DN (mm)	S Standard (mm)	S Tolerance (mm)
32			32	1,60	0,40	32	2,40	0,50
40			40	1,90	0,40	40	3,00	0,50
50	1,50	0,40	50	2,40	0,50	50	3,70	0,60
63	1,90	0,40	63	3,00	0,60	63	4,70	0,70
75	2,20	0,50	75	3,60	0,60	75	5,60	0,80
90	2,70	0,50	90	4,30	0,70	90	6,70	0,90
110	2,70	0,50	110	4,20	0,70	110	6,60	0,90
125	3,10	0,60	125	4,80	0,70	125	7,40	1,00
140	3,50	0,60	140	5,40	0,80	140	8,30	1,10
160	4,00	0,70	160	6,20	0,90	160	9,50	1,20
200	4,90	0,70	200	7,70	1,00	200	11,90	1,40
225	5,50	0,80	225	8,60	1,10	225	13,40	1,60
250	6,20	0,90	250	9,60	1,20	250	14,80	1,70
280	6,90	0,90	280	10,70	1,30	280	16,60	1,90
315	7,70	1,00	315	12,10	1,50	315	18,70	2,10
355	8,70	1,10	355	13,60	1,60	355	21,10	2,40
400	9,80	1,20	400	15,30	1,80	400	23,70	2,60

- PN: Nominal Pressure
- DN: Diameter Nominal
- S: Pipe Thickness
- Pressure U-PVC pipe length L = 6m

THE USAGE AREAS OF U-PVC ORANGE SEWAGE PIPES

- Underground Sewage Systems
- Discharge of Chemical and Industrial Wastes

THE ADVANTAGES OF U-PVC ORANGE SEWAGE PIPES

- It has smooth and shine surface.
- It has easy installation and usage feature.
- It has durable to high temperature.
- It is resistant to corrosion.
- It is produced in 3 meters and 6 meters lengths including the muff part.
- U-PVC orange sewage pipes are produced both as insert-sleeve muff and push fit.

U-PVC ORANGE SEWAGE PIPE TS EN 1401-1 TABLE

DN (mm)	SN4	SN8	SN10
	S (mm)	S (mm)	S (mm)
50	3,00		
75	3,00		
110	3,20	3,20	3,20
125	3,20	3,70	3,70
160	4,00	4,70	4,70
200	4,90	5,90	5,90
250	6,20	7,30	7,30
315	7,70	9,20	9,20
355	8,70	10,40	10,40
400	9,80	11,70	11,70

- DN: Diameter Nominal
- S: Pipe Thickness



THE USAGE AREAS OF U-PVC GREEN DRAINAGE SEWAGE PIPES

- Underground Seweage Drainage
- Discharge of Chemical and Industrial Wastes

THE ADVANTAGES OF U-PVC GREEN DRAINAGE SEWAGE PIPES

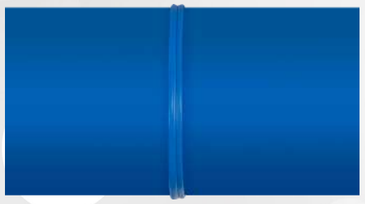
- Lead-Free and Environmentally Friendly.
- The Green Sewage and Drainage Pipe is free of halogens and heavy metals.
- Smooth and glossy surface.
- Hydraulically optimized inner pipe surfaces provide excellent drainage.
- 100% recyclable.
- Since the pipes can be produced in SN8, SN 12 and SN16, they are resistant to soil and traffic loads.
- It has easy installation and usage feature.
- Long lasting rigidity for safe condensate drainage.
- It is resistant to corrosion.
- It is produced in 3 meters and 6 meters lengths including the muff part.
- U-PVC Green Sewage and Drainage Pipes are produced both as insert-sleeve muff and push fit.

U-PVC GREEN SEWAGE AND DRAINAGE PIPE TABLE

DN (mm)	SN8	SN12	SN16
	Length (m)	Length (m)	Length (m)
50	3 - 6	3 - 6	3 - 6
75	3 - 6	3 - 6	3 - 6
110	3 - 6	3 - 6	3 - 6
125	3 - 6	3 - 6	3 - 6
160	3 - 6	3 - 6	3 - 6
200	3 - 6	3 - 6	3 - 6
250	3 - 6	3 - 6	3 - 6
315	3 - 6	3 - 6	3 - 6
355	3 - 6	3 - 6	3 - 6
400	3 - 6	3 - 6	3 - 6

- DN: Diameter Nominal





Butt Welding Method

This method is highly preferred in using medium and large size pipes. Assembling the pipes, each end is heated with welding equipment to a certain degree. After a certain period of time with a specific level of pressure the solution is obtained.

Then each end is attached and exposed to pressure. This the material is joined together by means of fusion.

Electro-Fusion Welding Method

In the electro-fusion method, copper wires are connected on the joints of the pipes. When electric is given, these wires melt the joints through heating. Thus welding is completed as a result of the pressure over inside of the pipe.

Note: Butt Welding and Electro-fusion method can be used in both pipes (PE-100 and PE-80).





Coupling Method

Coupler is dismantled and pipe ends are attached tight using the supplementary parts. In this method, great care should be given on gaskets not budge.

Otherwise leaks will be inevitable.

superstructure pipes and fittings

PP-R STANDARD PIPES

PN 20 (bar)	
Product Code	DN (mm)
120400420020020	20
120400420025020	25
120400420032020	32
120400420040020	40
120400420050020	50
120400420063020	63
120400420075020	75
120400420090020	90
120400420110020	110
120400420125020	125
120400420160020	160

PN 16 (bar)	
Product Code	DN (mm)
120400420020016	20
120400420025016	25
120400420032016	32
120400420040016	40
120400420050016	50
120400420063016	63
120400420075016	75
120400420090016	90
120400420110016	110

PN 10 (bar)	
Product Code	DN (mm)
120400420020010	20
120400420025010	25
120400420032010	32
120400420040010	40
120400420050010	50
120400420063010	63
120400420075010	75
120400420090010	90
120400420110010	110

Standard PP-R Pipes is manufactured in White, Gray, Green, Blue, Beige, Black Colours.

PP-R FIBERGLASS PIPES

PN 25 (bar)	
Product Code	DN (mm)
120400480020025	20
120400480025025	25
120400480032025	32
120400480040025	40
120400480050025	50
120400480063025	63

PN 20 (bar)	
Product Code	DN (mm)
120400480020020	20
120400480025020	25
120400480032020	32
120400480040020	40
120400480050020	50
120400480063020	63



THE ADVANTAGES OF STANDARD AND FIBER GLASS PP-R PIPES

- Light weight, easy to carry and install.
- Not dangerous to human health.
- Non toxic, non cancerogeneous
- It can be used between 5˚C - 95˚C.
- High resistance against corrosion.
- Restriction doesn't occur in its welding places. It has high welding performance.
- Low cost of loading and unloading.
- Resistant to chemicals.
- It has smooth inner surface.
- It has sound and temperature isolation.
- Isolation is not necessary in the buildings.
- Operation pressure: 20 bars at 20˚C and 10 bars at 90˚C.
- Long service life.
- Can be used in drinking water systems.

THE USAGE AREAS OF STANDARD AND FIBER GLASS PP-R PIPES

- Drinking water line installation systems.
- Suitable for hot and cold water transfers in buildings systems.
- Underfloor & central heating systems.
- Air ducts or if applicable for other use in industry systems.
- Agriculture systems.
- Akansu exclusive systems are made of polypropylene random copolymer and used in hot and cold water supply systems.

REDUCER



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400590025020	25/20	500
520400590032020	32/20	400
520400590032025	32/25	300
520400590040020	40/20	200
520400590040025	40/25	200
520400590040032	40/32	150
520400590050025	50/25	100
520400590050032	50/32	100
520400590050040	50/40	80
520400590063032	63/32	60
520400590063040	63/40	60
520400590063050	63/50	50
520400590075040	75/40	40
520400590075050	75/50	40
520400590075063	75/63	30
520400590090050	90/50	20
520400590090063	90/63	20
520400590090075	90/75	16
520400590110063	110/63	16
520400590110075	110/75	16
520400590110090	110/90	16
520400590125090	125/90	6
520400590125110	125/110	5

CROSSOVER



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400550020020	20 mm	160
520400550025025	25 mm	100
520400550032032	32 mm	65
520400550040040	40 mm	40

CROSSOVER WITH SOCKET (LONG)



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400560020020	20 mm	125
520400560025025	25 mm	80
520400560032032	32 mm	30

CROSSOVER WITH SOCKET (SHORT)



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400570020020	20 mm	200
520400570025025	25 mm	125
520400570032032	32 mm	60

SOCKET



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400570020020	20 mm	600
520400570025025	25 mm	300
520400570032032	32 mm	200
520400580040040	40 mm	100
520400580050050	50 mm	60
520400580063063	63 mm	36
520400580075075	75 mm	24
520400580090090	90 mm	16
520400580110110	110 mm	6
520400580125125	125 mm	2

ELBOW 90°



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400610020090	20 mm	400
520400610025090	25 mm	250
520400610032090	32 mm	125
520400610040090	40 mm	60
520400610050090	50 mm	35
520400610063090	63 mm	15
520400610075090	75 mm	12
520400610090090	90 mm	6
520400610110090	110 mm	2
520400610125090	125 mm	2

REDUCER ELBOW 90°



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400630025020	25/20	250
520400630032025	32/25	150

TAIL ELBOW 90°



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400620020090	20 mm	300
520400620025090	25 mm	200
520400620032090	32 mm	100

REDUCER SOCKET



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400600025020	25/20	400
520400600032020	32/20	300
520400600032025	32/25	250
520400600040020	40/20	150
520400600040025	40/25	150
520400600040032	40/32	125
520400600050020	50/20	100
520400600050025	50/25	100
520400600050032	50/32	80
520400600050040	50/40	75
520400600063020	63/20	40
520400600063025	63/25	40
520400600063032	63/32	40
520400600063040	63/40	40
520400600063050	63/50	35

ELBOW 45°



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400640020045	20 mm	500
520400640025045	25 mm	300
520400640032045	32 mm	125
520400640040045	40 mm	80
520400640050045	50 mm	40
520400640063045	63 mm	20
520400640075045	75 mm	15
520400640090045	90 mm	8
520400640110045	110 mm	4

TAIL ELBOW 45°



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400650020045	20 mm	300
520400650025045	25 mm	200
520400650032045	32 mm	100

LONG BEND



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401890025025	25 mm	125
520401890032032	32 mm	60

TEE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400660020020	20 mm	250
520400660025025	25 mm	150
520400660032032	32 mm	80
520400660040040	40 mm	40
520400660050050	50 mm	25
520400660063063	63 mm	16
520400660075075	75 mm	10
520400660090090	90 mm	5
520400660110110	110 mm	2
520400660125125	125 mm	2

LONG TEE BRIDGE TYPE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401900020020	20 mm	100
520401900025025	25 mm	70

CROSS



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400680020020	20 mm	200
520400680025025	25 mm	125
520400680032032	32 mm	60
520400680040040	40 mm	40

REDUCER CROSS



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400690025020	25/20	150
520400690032025	32/25	75
520400690040032	40/32	40
520400690050020	50/20	30
520400690050025	50/25	30
520400690050032	50/32	25
520400690050040	50/40	25
520400690063020	63/20	16
520400690063025	63/25	16
520400690063032	63/32	14
520400690063040	63/40	14
520400690063050	63/50	14

REDUCER TEE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400670020010	20/25/20	200
520400670025020	25/20/20	150
520400670025030	25/20/25	200
520400670025040	25/25/20	150
520400670032050	32/20/20	100
520400670032060	32/20/25	100
520400670032070	32/20/32	100
520400670032090	32/25/25	100
520400670032080	32/25/20	100
520400670032100	32/25/32	100
520400670040110	40/20/40	50
520400670040120	40/25/40	50
520400670040130	40/32/40	40
520400670050140	50/20/50	30
520400670050150	50/25/50	30
520400670050160	50/32/50	30
520400670050170	50/40/50	25
520400670063180	63/20/63	24
520400670063190	63/25/63	24
520400670063200	63/32/63	24
520400670063210	63/40/63	16
520400670063220	63/50/63	16
520400670075230	75/20/75	10
520400670075240	75/25/75	10
520400670075250	75/32/75	10
520400670075260	75/40/75	10
520400670075270	75/50/75	10
520400670075280	75/63/75	10
520400670090290	90/25/90	5
520400670090300	90/32/90	5
520400670090310	90/40/90	5
520400670090320	90/50/90	5
520400670090330	90/63/90	5
520400670090340	90/75/90	4
520400670110350	110/32/110	2
520400670110360	110/40/110	2
520400670110370	110/50/110	2
520400670110380	110/63/110	2
520400670110390	110/75/110	2
520400670110400	110/90/110	2
520400670125410	125/110/125	2

CORNER CROSS



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400700032020	32/20	80
520400700032025	32/25	80
520400700040020	40/20	60
520400700040025	40/25	60

RADIATOR BYPASS



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400710020020	20/20	100
520400710025025	25/25	60

FLANGE ADAPTOR



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400720050050	50 mm	80
520400720063063	63 mm	50
520400720075075	75 mm	40
520400720090090	90 mm	25
520400720110110	110 mm	12

FLANGE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400730050050	50 mm	30
520400730063063	63 mm	30
520400730075075	75 mm	16
520400730090090	90 mm	16
520400730110110	110 mm	12

END CAP



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400740020020	20 mm	750
520400740025025	25 mm	500
520400740032032	32 mm	250
520400740040040	40 mm	150
520400740050050	50 mm	80
520400740063063	63 mm	50
520400740075075	75 mm	25
520400740090090	90 mm	18
520400740110110	110 mm	9
520400740125125	125 mm	6

END PLUG



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400750020012	20x1/2"	2.500
520400750025034	25x3/4"	2.500

SADDLE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400770020020	20 mm	300
520400770025025	25 mm	200
520400770032032	32 mm	100

FEMALE FILTER



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400800020020	20 mm	75
520400800025025	25 mm	50
520400800032032	32 mm	25

MALE FILTER



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400810020020	20 mm	75
520400810025025	25 mm	50
520400810032032	32 mm	25

NON RETURN VALVE FEMALE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400820020020	20 mm	75
520400820025025	25 mm	50
520400820032032	32 mm	25

NON RETURN VALVE MALE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400830020020	20 mm	75
520400830025025	25 mm	50
520400830032032	32 mm	25

UNION PN 16



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400850020020	20 mm	200
520400850025025	25 mm	125
520400850032032	32 mm	100
520400850040040	40 mm	50
520400850050050	50 mm	30
520400850063063	63 mm	16
520400850075075	75 mm	10
520400850090090	90 mm	6
520400850110110	110 mm	3

FEMALE CROSS



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400880025012	25x1/2"	80
520400880032034	32x3/4"	40
520400880040034	40x3/4"	20
520400880040100	40x1"	20
520400880050012	50x1/2"	16
520400880050034	50x3/4	16
520400880050100	50x1"	16
520400880050114	50x1 1/4"	12
520400880063012	63x1/2"	8
520400880063034	63x3/4"	8
520400880063100	63x1"	8
520400880063114	63x1 1/4"	6

MALE CROSS



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400890050012	50x1/2"	16
520400890050034	50x3/4	16
520400890050100	50x1"	16
520400890050114	50x1 1/4"	12
520400890063012	63x1/2"	8
520400890063034	63x3/4"	8
520400890063100	63x1"	8
520400890063114	63x1 1/4"	6

MALE NIPPLE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400900020012	20x1/2"	150
520400900020034	20x3/4"	100
520400900025012	25x1/2"	125
520400900025034	25x3/4"	80
520400900025100	25x1"	50
520400900032012	32x1/2"	50
520400900032034	32x3/4"	60
520400900032100	32x1"	60

MALE NIPPLE HEXAGONAL



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400920032100	32x1"	50
520400920040100	40x1"	20
520400920040114	40x1 1/4"	20
520400920050112	50x1 1/2"	15
520400920063200	63x2"	10
520400920075212	75x2 1/2"	6
520400920090300	90x3"	4
520400920110400	110x4"	2
520400920125500	125x5"	2

TAILED MALE NIPPLE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400910020012	20x1/2"	100
520400910020034	20x3/4"	100
520400910025012	25x1/2"	75
520400910025034	25x3/4"	75

SADDLE MALE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400960020012	20x1/2"	150
520400960025034	25x3/4"	100
520400960032100	32x1"	50

FEMALE NIPPLE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400930020012	20x1/2"	150
520400930020034	20x3/4"	125
520400930025012	25x1/2"	125
520400930025034	25x3/4"	100
520400930025100	25x1"	50
520400930032012	32x1/2"	75
520400930032034	32x3/4"	50
520400930032100	32x1"	75

TAILED FEMALE NIPPLE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400940020012	20x1/2"	100
520400940020034	20x3/4"	100
520400940025012	25x1/2"	75
520400940025034	25x3/4"	75

FEMALE NIPPLE HEXAGONAL



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400950032100	32x1"	40
520400950040100	40x1"	20
520400950040114	40x1 1/4"	20
520400950050112	50x1 1/2"	20
520400950063200	63x2"	10
520400950075212	75x2 1/2"	8
520400950090300	90x3"	6
520400950110400	110x4"	2
520400950125500	125x5"	2

SADDLE FEMALE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400970020012	20x1/2"	150
520400970025034	25x3/4"	100
520400970032100	32x1"	50

MALE ELBOW



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400980020012	20x1/2"	100
520400980020034	20x3/4"	75
520400980025012	25x1/2"	100
520400980025034	25x3/4"	75
520400980032012	32x1/2"	30
520400980032034	32x3/4"	30
520400980032100	32x1"	30

HEXAGONAL MALE ELBOW



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520400990032100	32x1"	30
520400990040114	40x1 1/4"	20
520400990050112	50x1 1/2"	30
520400990063200	63x2"	20

FEMALE ELBOW



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401000020012	20x1/2"	125
520401000020034	20x3/4"	80
520401000025012	25x1/2"	125
520401000025034	25x3/4"	80
520401000032012	32x1/2"	30
520401000032034	32x3/4"	30
520401000032100	32x1"	30

HEXAGONAL FEMALE ELBOW



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401010032100	32x1"	30
520401010040114	40x1 1/4"	20
520401010050112	50x1 1/2"	30
520401010063200	63x2"	20

FEMALE BATTERY DOUBLE CONNECTION



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401020025034	25x3/4"	60

MALE BATTERY TRIPLE CONNECTION



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401030020012	20x1/2"	60
520401030025012	25x1/2"	50

FEMALE BATTERY TRIPLE CONNECTION



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401040020012	20x1/2"	75
520401040025012	25x1/2"	60

FEMALE BATTERY BYPASS



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401050020012	20x1/2"	50

MALE DOUBLE BATTERY CONNECTION - SLAB



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401070020012	20x1/2"	20
520401070020034	20x3/4"	20
520401070025012	25x1/2"	20
520401070025034	25x3/4"	20

FEMALE DOUBLE BATTERY CONNECTION - SLAB



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401080020012	20x1/2"	25
520401080020034	20x3/4"	25
520401080025012	25x1/2"	20
520401080025034	25x3/4"	20

MALE DOUBLE BATTERY CONNECTION



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401090020012	20x1/2"	20
520401090020034	20x3/4"	15
520401090025012	25x1/2"	15
520401090025034	25x3/4"	15

FEMALE DOUBLE BATTERY CONNECTION



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401100020012	20x1/2"	25
520401100025012	25x1/2"	20

FEMALE BIDET BATTERY



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401110020012	20x1/2"	35
520401110025012	25x1/2"	25

MALE BIDET BATTERY



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401120020012	20x1/2"	30
520401120025012	25x1/2"	25

FEMALE BIDET BATTERY - DUAL



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401450020012	20x1/2"	30
520401450025012	25x1/2"	25
520401450025034	25x3/4"	25

MALE BIDET BATTERY - DUAL



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401130020012	20x1/2"	30
520401130020034	20x3/4"	30
520401130025012	25x1/2"	25
520401130025034	25x3/4"	25

MALE TEE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401140020012	20x1/2"	100
520401140020034	20x3/4"	75
520401140025012	25x1/2"	75
520401140025034	25x3/4"	50
520401140032012	32x1/2"	30
520401140032034	32x3/4"	30
520401140032100	32x1"	30
520401140040012	40 1/2"	20
520401140040034	40 3/4"	20
520401140040100	40 1"	20
520401140050012	50 1/2"	15
520401140050034	50 3/4"	15
520401140050100	50 1"	15
520401140063012	63 1/2"	8
520401140063034	63 3/4"	8
520401140063100	63 1"	8

HEXAGONAL MALE TEE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401150032100	32x1"	30
520401150040114	40x1 1/4"	20

FEMALE TEE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401160020012	20x1/2"	100
520401160020034	20x3/4"	75
520401160025012	25x1/2"	75
520401160025034	25x3/4"	50
520401160032012	32x1/2"	30
520401160032034	32x3/4"	30
520401160032100	32x1"	30
520401160040012	40 1/2"	20
520401160040034	40 3/4"	20
520401160040100	40 1"	20
520401160050012	50 1/2"	15
520401160050034	50 3/4"	15
520401160050100	50 1"	15
520401160063012	63 1/2"	12
520401160063034	63 3/4"	9
520401160063100	63 1"	9

HEXAGONAL FEMALE TEE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401170032100	32x1"	30
520401170040114	40x1 1/4"	20

FEMALE VALVE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401180020020	20 mm	30
520401180025025	25 mm	30
520401180032032	32 mm	15

MALE VALVE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401190020020	20 mm	30
520401190025025	25 mm	30
520401190032032	32 mm	15

STOP VALVE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401200020020	20 mm	40
520401200025025	25 mm	30
520401200032032	32 mm	20
520401200040040	40 mm	15

CHROME BALL VALVE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401210020020	20 mm	25
520401210025025	25 mm	20
520401210032032	32 mm	15

CHROME VALVE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401220020020	20 mm	25
520401220025025	25 mm	20
520401220032032	32 mm	15
520401220040040	40 mm	10

CHROME VALVE - PLASTIC ENCASTRE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401230020020	20 mm	30
520401230025025	25 mm	25
520401230032032	32 mm	25
520401230040040	40 mm	20

BALL VALVE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401240020020	20 mm	50
520401240025025	25 mm	40
520401240032032	32 mm	20
520401240040040	40 mm	12
520401240050050	50 mm	8
520401240063063	63 mm	4
520401240075075	75 mm	4

COLLECTOR VALVE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401920025251	25x1"	25
520401920032321	32x1"	25

BALL VALVE - ECO



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401250020020	20 mm	50
520401250025025	25 mm	60
520401250032032	32 mm	40

LUX STOP VALVE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401930020020	20 mm	15
520401930025025	25 mm	15
520401930032032	32 mm	15

BALL VALVE WITH DOUBLE UNION



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401260020020	20 mm	30
520401260025025	25 mm	20
520401260032032	32 mm	15

FEMALE BALL VALVE WITH SINGLE UNION



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401270020020	20 mm	30
520401270025025	25 mm	25
520401270032032	32 mm	20

BALL VALVE WITH SINGLE UNION



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401280020020	20 mm	30
520401280025025	25 mm	25
520401280032032	32 mm	20

FEMALE BALL VALVE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401290020020	20 mm	50
520401290025025	25 mm	40
520401290032032	32 mm	20

RADIATOR VALVE ELBOW



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401300020012	20x1/2"	50
520401300025012	25x1/2"	50
520401300025034	25x3/4"	40

RADIATOR VALVE STRAIGHT - PLASTIC



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401310020012	20x1/2"	50
520401310025012	25x1/2"	50
520401310025034	25x3/4"	40

RADIATOR VALVE STRAIGHT



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401960012012	1/2"	100

RADIATOR VALVE STRAIGHT - PE-RT



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401970012012	1/2"	100

RADIATOR VALVE CORNER



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401980012012	1/2"	100

RADIATOR VALVE CORNER - PEX, PE-RT



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401990012012	1/2"	100

TRANSITION RADIATOR ELBOW



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401320020012	20x1/2"	60
520401320020034	20x3/4"	50
520401320025012	25x1/2"	60
520401320025034	25x3/4"	50

TRANSITION RADIATOR NIPPLE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401330020012	20x1/2"	60
520401330020034	20x3/4"	50
520401330025012	25x1/2"	60
520401330025034	25x3/4"	50

TRANSITION UNION MALE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401340020012	20x1/2"	175
520401340020034	20x3/4"	150
520401340020100	20x1"	160
520401340025012	25x1/2"	120
520401340025034	25x3/4"	100
520401340025100	25x1"	100
520401340032012	32x1/2"	80
520401340032034	32x3/4"	80
520401340032100	32x1"	75
520401340032114	32x1 1/4"	60
520401340040114	40x1 1/4"	40
520401340050112	50x1 1/2"	25
520401340063200	63x2"	16
520401340075212	75x2 1/2"	6
520401340090003	90x3"	3
520401340110004	110x4"	2

TRANSITION UNION FEMALE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401350020012	20x1/2"	200
520401350020034	20x3/4"	175
520401350020100	20x1"	175
520401350025012	25x1/2"	125
520401350025034	25x3/4"	125
520401350025100	25x1"	100
520401350032012	32x1/2"	90
520401350032034	32x3/4"	80
520401350032100	32x1"	80
520401350032114	32x1 1/4"	70
520401350040114	40x1 1/4"	50
520401350050112	50x1 1/2"	25
520401350063200	63x2"	16
520401350075212	75x2 1/2"	9
520401350090003	90x3"	6
520401350110004	110x4"	2

PE-X FEMALE ADAPTOR



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401370020012	20x1/2"x16	140

TAIL NIPPLE - PE-X



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401380020012	20x1/2"x16	140

TRANSITION NIPPLE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401420020012	20x1/2"	175
520401420020034	20x3/4"	125
520401420025012	25x1/2"	125
520401420025034	25x3/4"	125
520401420025100	25x1"	80
520401420032034	32x3/4"	75
520401420032100	32x1"	60
520401420032114	32x1 1/4"	50

TRANSITION ELBOW



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401430020012	20x1/2"	120
520401430020034	20x3/4"	80
520401430025034	25x3/4"	80
520401430025100	25x1"	75
520401430032034	32x3/4"	50
520401430032100	32x1"	50
520401430032114	32x1 1/4"	40

TRANSITION TEE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401440020012	20x1/2"	125
520401440020034	20x3/4"	80
520401440025034	25x3/4"	80
520401440025100	25x1"	40
520401440032100	32x1"	30
520401440032114	32x1 1/4"	30

SINK FORK DOUBLE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520402000034034	3/4"	100

WASHING MACHINE SINK



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520402010012034	1/2-3/4"	40

HOSE COCK (FOR GARDEN)



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520402020012012	1/2"	40

SELF-VALVE COLLECTOR



PRODUCT CODE	DN (mm)
520402090001002	1" 2 Input
520402090001003	1" 3 Input
520402090001004	1" 4 Input
520402090001005	1" 5 Input
520402090001006	1" 6 Input
520402090001007	1" 7 Input
520402090001008	1" 8 Input
520402090001009	1" 9 Input
520402090001010	1" 10 Input
520402090001011	1" 11 Input
520402090001012	1" 12 Input
520402090001013	1" 13 Input

SINGLE CLAMP



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401520020020	20 mm	3.000
520401520025025	25 mm	2.750
520401520032032	32 mm	1.800
520401520040040	40 mm	1.400

DOWELED SINGLE CLAMP



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401530020020	20 mm	2.000
520401530025025	25 mm	1.500
520401530032032	32 mm	1.000

CLAMP WITH COVER



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401540016016	16 mm	2.500
520401540020020	20 mm	2.000
520401540025025	25 mm	2.000
520401540032032	32 mm	1.000
520401540040040	40 mm	750
520401540050050	50 mm	500

DOUBLE CLAMP



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401550020022	20-22	1.800
520401550025027	25-27	1.400
520401550032034	32-34	750

DOWELED DOUBLE CLAMP



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401560020020	20 mm	2.000
520401560025025	25 mm	1.200
520401560032032	32 mm	750

DOWELED DOUBLE CROSHET



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401570025025	25 mm	1.000

DOUBLE CROSHET



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401580025025	25 mm	2.500

FIXING DOWELED



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401610025025	25 mm	8.000

DOUBLE FIXING DOWELED



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401600025025	25 mm	5.000

PIPE HOLDER WITH CLIPS



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401630016016	16 mm	350

PIPE STOPPER



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401680016016	16 mm	5.000

KADA



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401700110110	110 mm	100

GASKET ADAPTOR



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401710050050	50 mm	500

CLAMP WITH NUT



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401720038038	3/8"	275
520401720012012	1/2"	200
520401720034034	3/4"	200
520401720100100	1"	150
520401720114114	1 1/4"	125
520401720112112	1 1/2"	100
520401720200200	2"	75
520401720212212	2 1/2"	60
520401720300300	3"	60
520401720312312	3 1/2"	60
520401720400400	4"	60
520401720412412	4 1/2"	50
520401720500500	5"	40
520401720512512	5 1/2"	50
520401720600600	6"	50
520401720800800	8"	35
520401721000100	10"	10

STANDARD CLAMP WITH TRIPHON



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401730038038	3/8"	200
520401730012012	1/2"	150
520401730034034	3/4"	100
520401730100100	1"	100
520401730114114	1 1/4"	150
520401730112112	1 1/2"	125
520401730200200	2"	100
520401730212212	2 1/2"	50
520401730300300	3"	40
520401730312312	3 1/2"	35
520401730400400	4"	30
520401730412412	4 1/2"	30
520401730500500	5"	30

LONG CLAMP WITH TRIPHON



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401740038038	3/8"	200
520401740012012	1/2"	125
520401740034034	3/4"	100
520401740100100	1"	75
520401740114114	1 1/4"	125
520401740112112	1 1/2"	100
520401740200200	2"	75
520401740212212	2 1/2"	50
520401740300300	3"	40
520401740312312	3 1/2"	35
520401740400400	4"	30
520401740412412	4 1/2"	30
520401740500500	5"	25

PIPE CUTTER



PRODUCT CODE	DN (mm)
520401811242010	12-42
520401812863012	28-63
520401812775014	27-75

WELDING MACHINE - SET



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520401822040016	20-40	Standard
520401822040018	20-40	Economic
520401825025020	50-125	Lux

PRESSURE TEST PUMP



PRODUCT CODE	DN (mm)
520401840060060	0-60 BAR

WELDING TOOL



PRODUCT CODE	DN (mm)
520401860020020	20 mm
520401860025025	25 mm
520401860032032	32 mm
520401860040040	40 mm
520401860050050	50 mm
520401860063063	63 mm
520401860075075	75 mm
520401860090090	90 mm
520401860110110	110 mm
520401860125125	125 mm

WELDING TOOL FOR SAADLES



PRODUCT CODE	DN (mm)
520401876320020	63/20
520401876325025	63/25
520401876332032	63/32
520401877520020	75/20
520401877525025	75/25
520401877532032	75/32
520401879020020	90/20
520401879025025	90/25
520401879032032	90/32
520401871102020	110/20
520401871103032	110/25
520401871105025	110/32

U-PVC SEWAGE PIPES TYPE-1 - 3,2mm



ÜRÜN KODU	ÇAP (mm)	PAKETLEME (cm)
120100340050015	50	150
120100340075015	75	150
120100340110015	110	150
120100340125015	125	150
120100340160015	160	150
120100340200015	200	150
120100340250015	250	150
120100340050025	50	250
120100340075025	75	250
120100340110025	110	250
120100340125025	125	250
120100340160025	160	250
120100340200025	200	250
120100340250025	250	250
120100340050050	50	500
120100340075050	75	500
120100340110050	110	500
120100340125050	125	500
120100340160050	160	500
120100340200050	200	500
120100340250050	250	500
120100340050100	50	1000
120100340075100	75	1000
120100340110100	110	1000
120100340125100	125	1000
120100340160100	160	1000
120100340200100	200	1000
120100340250100	250	1000
120100340050200	50	2000
120100340075200	75	2000
120100340110200	110	2000
120100340125200	125	2000
120100340160200	160	2000
120100340200200	200	2000
120100340250200	250	2000
120100340050300	50	3000
120100340075300	75	3000
120100340110300	110	3000
120100340125300	125	3000
120100340160300	160	3000
120100340200300	200	3000
120100340250300	250	3000
120100340050600	50	6000
120100340075600	75	6000
120100340110600	110	6000
120100340125600	125	6000
120100340160600	160	6000
120100340200600	200	6000
120100340250600	250	6000

Akansu sewage pipes and fittings have two types with two different wall thicknesses and produced as type 1, type 2.



U-PVC SEWAGE PIPES TYPE-2 - 2,2mm



ÜRÜN KODU	ÇAP (mm)	BOY (cm)
120100390050015	50	150
120100390075015	75	150
120100390110015	110	150
120100390125015	125	150
120100390160015	160	150
120100390050025	50	250
120100390075025	75	250
120100390110025	110	250
120100390125025	125	250
120100390160025	160	250
120100390050050	50	500
120100390075050	75	500
120100390110050	110	500
120100390125050	125	500
120100390160050	160	500
120100390200050	200	500
120100390250050	250	500
120100390050100	50	1000
120100390075100	75	1000
120100390110100	110	1000
120100390125100	125	1000
120100390160100	160	1000
120100390200100	200	1000
120100390250100	250	1000
120100390050200	50	2000
120100390075200	75	2000
120100390110200	110	2000
120100390125200	125	2000
120100390160200	160	2000
120100390200200	200	2000
120100390250200	250	2000
120100390050300	50	3000
120100390075300	75	3000
120100390110300	110	3000
120100390125300	125	3000
120100390160300	160	3000
120100390200300	200	3000
120100390250300	250	3000
120100390050600	50	6000
120100390075600	75	6000
120100390110600	110	6000
120100390125600	125	6000
120100390160600	160	6000
120100390200600	200	6000
120100390250600	250	6000

THE ADVANTAGES OF U-PVC SEWAGE PIPES

- Easy installation and handling
- Light weight
- Smooth surface and gloss
- High impact resistance
- Low pressure loss
- Long service time
- More color options.

THE USAGE AREAS OF U-PVC SEWAGE PIPES

- The aboveground waste water transport systems.
- Sewage and waste water discharge systems.
- Electrical and communication systems.

ELBOW 45°



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
120101900050045	50	200
120101900075045	75	100
120101900110045	110	35
520101900125045	125	25
520101900160045	160	15
520101900200045	200	5
520101900250045	250	3

ELBOW 90°



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
120101890050087	50	200
120101890075087	75	75
120101890110087	110	30
520101890125087	125	20
520101890160087	160	10
520101890200087	200	4
520101890250087	250	2

DOUBLE BRANCH 45°



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520101930050050	50/50	70
520101930075050	75/50	50
520101930075075	75/75	30
520101930110050	110/50	20
520101930110075	110/75	15
520101930110110	110/110	15
520101930125125	125/125	10

DOUBLE BRANCH 87,5°



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520101940050050	50/50	70
520101940075050	75/50	50
520101940075075	75/75	30
520101940110050	110/50	20
520101940110075	110/75	15
520101940110110	110/110	10

BRANCH 45°



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
120101910050050	50/50	100
120101910075050	75/50	50
120101910075075	75/75	45
120101910110050	110/50	20
520101910110075	110/75	15
120101910110110	110/110	15
520101910125110	125/110	12
520101910125125	125/125	12
520101910160110	160/110	5
520101910160125	160/125	5
520101910160160	160/160	4
520101910200200	200/200	2

TEE BRANCH 90°



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520103210050050	50/50	100
520103210075050	75/50	50
520103210075075	75/75	50
520103210110050	110/50	25
520103210110075	110/75	20
520103210110110	110/110	16
520103210125125	125/125	16
520103210160110	160/110	6
520103210160160	160/160	6
520103210200110	200/110	4
520103210200160	200/160	2
520103210200200	200/200	2

REDUCER



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520101950075050	75/50	150
520101950110050	110/50	70
520101950110075	110/75	70
520101950125075	125/75	40
520101950125110	125/110	30
520101950160075	160/75	20
520101950160110	160/110	20
520101950160125	160/125	20
520101950200110	200/110	20
520101950200160	200/160	10
520101950250160	250/160	10

END CAP



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520101970050050	50	500
520101970075075	75	400
520101970110110	110	150
520101970125125	125	100
520101970160160	160	80
520101970200200	200	60
520101970250250	250	40

CLEAN OUT TEE



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520101980050050	50	60
520101980075075	75	50
520101980110110	110	16
520101980125125	125	16
520101980160160	160	6
520101980200200	200	4

LOCKED CHECK VALVE



PRODUCT CODE	DN (mm)
520101990110110	110
520101990125125	125
520101990160160	160
520101990200200	200

S-SIPHON 45°



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520102000075045	75	10
120102000110045	110	10

S-SIPHON 90°



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520102000075087	75	10
120102000110087	110	10

WASTE WATER CLAMP



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520104210050050	50	500
520104210063063	63	350
520104210075075	75	200
520104210110110	110	100
520104210125125	125	70
520104210160160	160	50
520104210200200	200	30

SOCKET



PRODUCT CODE	DN (mm)	PACKAGING/PCS.
520105210050050	50	200
520105210075075	75	100
520105210110110	110	35
520105210125125	125	30
520105210160160	160	15
520105210200200	200	8
520105210250250	250	4

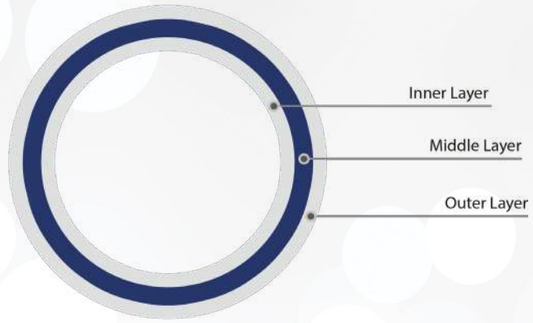
u-pvc multi sewage pipes

U-PVC MULTI WHITE SEWAGE PIPES



DN (mm)	S (mm)
110	2,00
110	2,20
110	2,70
110	3,20
110	4,00
75	2,00
75	2,20
75	2,70
75	3,00
75	4,00
50	2,00
50	2,20
50	2,70
50	3,00
50	4,00

- DN: Diameter Nominal
- S: Pipe Thickness



Pipe length is includes the muff part.
It is produced as gluing and plug-in for muff, it depends on inquary.
The middle color is produced in blue or red.
Pipes are produce in 250mm, 500mm, 1000mm, 3000mm and 6000mm lengths.

THE ADVANTAGES OF U-PVC MULTI WHITE SEWAGE PIPES

- Smooth and glossy surface.
- It has easy installation and usage feature.
- It shows high durability with its inner and outer layer production technology.
- It is resistant to corrosion.
- Multi pipes are produced both as insert-sleeve muff and push fit.

THE USAGE AREAS OF U-PVC MULTI WHITE SEWAGE PIPES

- Sewage Systems
- Mass Housing Projects
- Hospitals, Hotels Projects
- Sanitary Discharge
- Discharge of Chemical and Industrial Wastes
- Underground and Aboveground Seweage Drainage



U-PVC MULTI GREEN SEWAGE PIPES



DN (mm)	S (mm)
110	3,20
110	4,00
75	3,00
75	4,00
50	3,00
50	4,00

- DN: Diameter Nominal
- S: Pipe Thickness

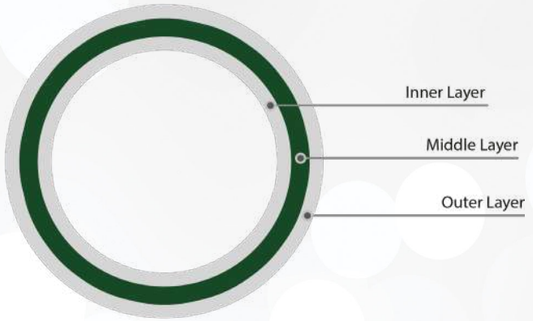
Pipe length is includes the muff part.
It is produced as gluing and plug-in for muff, it depends on inquary.
The middle color is produced in green or white.
Pipes are produce in 250mm, 500mm, 1000mm, 3000mm and 6000mm lengths.

THE ADVANTAGES OF U-PVC MULTI GREEN SEWAGE PIPES

- Lead-Free and Environmentally Friendly.
- The Multi Green SN2 - SN4 is free of halogens and heavy metals.
- Smooth and glossy surface.
- Hydraulically optimized inner pipe surfaces provide excellent drainage.
- 100% recyclable.
- It has easy installation and usage feature.
- Long lasting rigidity for safe condensate drainage.
- It shows high durability with its inner and outer layer production technology.
- It is resistant to corrosion.
- Multi pipes are produced both as insert-sleeve muff and push fit.

THE USAGE AREAS OF U-PVC MULTI GREEN SEWAGE PIPES

- Sewage Systems
- Mass Housing Projects
- Irrigation Systems
- Hospitals, Hotels Projects
- Sanitary Discharge
- Discharge of Chemical and Industrial Wastes
- Underground and Aboveground Sewage Drainage





U-PVC MULTI ORANGE SEWAGE PIPES



DN (mm)	S (mm)
110	2,70
110	3,20
110	4,00
75	2,70
75	3,00
75	4,00
50	2,70
50	3,00
50	4,00

- DN: Diameter Nominal
- S: Pipe Thickness

Pipe length is includes the muff part.
It is produced as gluing and plug-in for muff, it depends on inquiry.
The middle color is produced in white.
Pipes are produce in 250mm, 500mm, 1000mm, 3000mm and 6000mm lengths.

THE ADVANTAGES OF U-PVC MULTI ORANGE SEWAGE PIPES

- It has smooth and shine surface.
- It has easy installation and usage feature.
- It shows high durability with its inner and outer layer production technology.
- It has durable to high temperature.
- It is resistant to corrosion.
- Multi pipes are produced both as insert-sleeve muff and push fit.

THE USAGE AREAS OF U-PVC MULTI ORANGE SEWAGE PIPES

- Aboveground Sewage Drainage
- Discharge of Chemical and Industrial Wastes

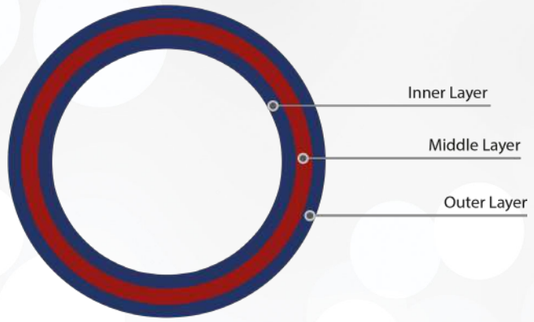


U-PVC MULTI EXCLUSIVE BLUE SEWAGE PIPES



DN (mm)	S (mm)
110	3,20
110	4,00
75	3,00
75	4,00
50	3,00
50	4,00

- DN: Diameter Nominal
- S: Pipe Thickness



Pipe length is includes the muff part.
It is produced as gluing and plug-in for muff, it depends on inquiry.
The middle color is produced in red or white.
Pipes are produce in 250mm, 500mm, 1000mm, 3000mm and 6000mm lengths.

THE ADVANTAGES OF U-PVC MULTI EXCLUSIVE BLUE SEWAGE PIPES

- Sound insulation is higher than standard PVC wastewater pipes.
- Smooth and glossy surface.
- It has easy installation and usage feature.
- It shows high durability with its inner and outer layer production technology.
- It is resistant to corrosion.
- Multi pipes are produced both as insert-sleeve muff and push fit.

THE USAGE AREAS OF U-PVC MULTI EXCLUSIVE BLUE SEWAGE PIPES

- Sewage Systems
- Mass Housing Projects
- Hospitals, Hotels Projects
- Sanitary Discharge
- Discharge of Chemical and Industrial Wastes
- Aboveground Sewage Drainage



- TS EN 12201-2+A1
- TS EN ISO 1452-2
- TS EN 1555-2
- TS EN 13476-3+A1

- ISO 9001:2015
- ISO 10002:2004
- ISO 14001:2015

- EN 12201-2:2011+A1
- ISO 4427-2

- P 16371-93

- TS EN 1555-2

- TS EN 12201-2+A1
- TS EN 15874-2

- TS EN ISO/IEC 17025

- OHSAS 18001:2007

قطر تستحق الأفضل
Qatar Deserves The Best

FACTORY

address Organize Sanayi Bölgesi 17. Cad. No:2/2 Melikgazi / Kayseri
phone +90 352 321 36 77 - **fax** +90 352 321 28 87 - **email** info@akansu.com

ISTANBUL OFFICE

address Altunizade Mah. Kısıklı Cad. No: 3 Daire: 8 Üsküdar / İstanbul
phone +90 216 688 10 20 - **fax** +90 216 688 10 20 - **email** export@akansu.com