



HDPE 100 Pipes

Brochure



A large industrial machine used for producing plastic pipes. It features multiple extruders with hoppers for raw material, extrusion barrels, and cooling tanks. The machine is equipped with various sensors, control panels, and a complex network of pipes and hoses. The background is a bright yellow wall.

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.

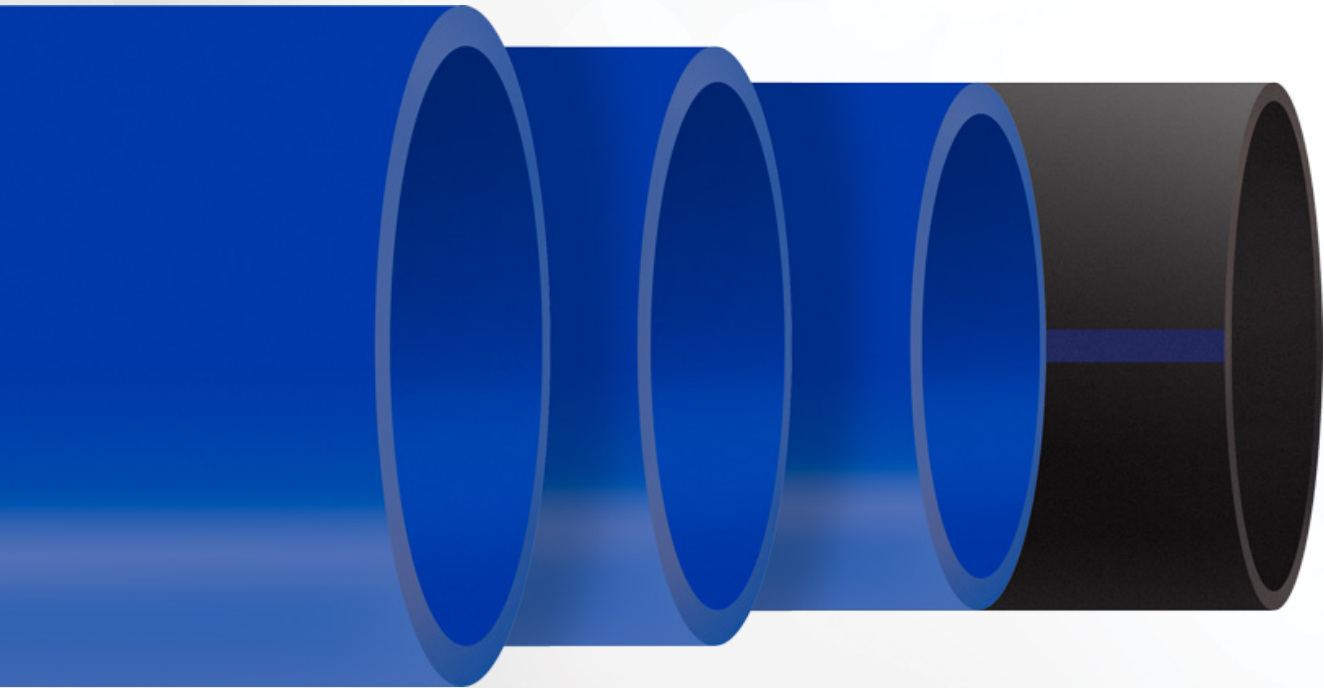
Its purpose is to put on the market products that provide quality and customer satisfaction by following new technologies in developing and changing world.

THE ADVANTAGES OF HDPE 100 POLYETHYLENE PIPES

- Long lasting, corrosion-free, non-decaying and highly resisant
- Flexible, easy to assemble and transport
- Highly resistant to sun-light (Only Black Pipe)
- Non-leaking under pressure
- When manufactured in coils, fewer connections needed
- Possibility of welding prevents water loss
- 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
- Agricultural Watering Systems
- Industrial Piping Systems
- Pool Systems
- Sewer Systems and liquid transportation
- Fish Farming Cage Systems
- Fire Hydrant Systems
- Mining Projects
- Directional Drilling PE Pipe



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			20			20			20		
25			25			25			25			25			25			25			25			25			25		
32			32			32			32			32			32			32			32			32			32		
40			40			40			40			40			40			40			40			40			40		
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			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			800		

• PN: Nominal Pressure

• DN: Diameter Nominal

• SDR: Standard Diamention Rate

• S: Pipe Thickness

• DN 20mm to 110mm (included) L=100m coil done.

FACTORY

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