



Natural Gas Pipes

Brochure



A large industrial machine used for producing plastic pipes. It features a long horizontal extrusion line with various rollers and guides. Above the line, there are hoppers for raw materials and control panels with digital displays. The machine is complex, with many pipes, valves, and electrical connections. 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.

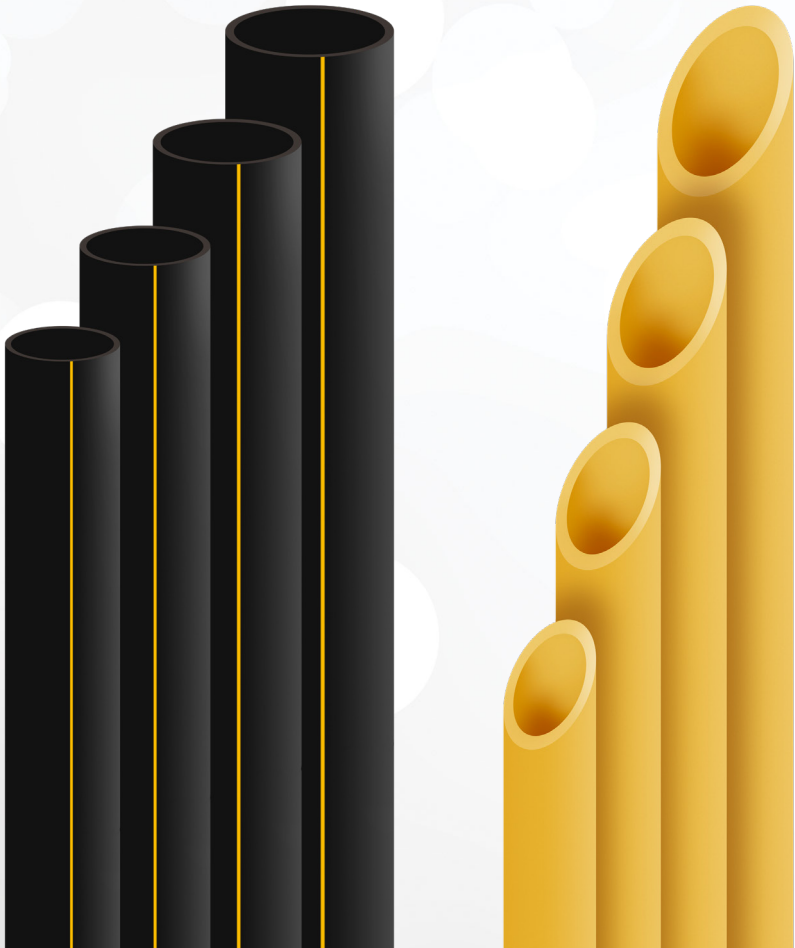
Its purpose is to put on the market products that provide quality and customer satisfaction by following new technologies in developing and changing world.

THE ADVANTAGES OF NATURAL GAS PIPES

- It has high resistance to structural impacts and long-term aging compared to traditional piping alternatives.
- Assembly through the electrofusion welding method prevents gas leaks.
- Gas flow can be safely interrupted during repairs using the squeeze-off method.
- When manufactured in coils, fewer connections are required, which minimizes the risk of joint leaks.
- They are easy to transport and assemble.
- It possesses a more flexible structure compared to its alternatives, providing superior adaptability.
- Manufactured from raw materials resistant to natural gas, PE 80, HDPE 100 pipes provide a long-lasting and economic solution.
- Gas flow can be safely interrupted using the squeeze-off method exclusively in PE 80 natural gas pipes; HDPE 100 pipes are not suitable for this process.
- Since HDPE 100 natural gas pipes are manufactured as black with yellow stripes, they provide high resistance against UV rays.

THE USAGE AREAS OF NATURAL GAS PIPES

- Natural gas systems.



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.

FACTORY

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