



GF HAKAN AQUASYSTEM® UV RESISTANT PP-R PIPES



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GF HAKAN PLASTIK is one of the world's largest plastic piping systems manufacturers. The company develops, produces and markets a comprehensive range of piping systems and components in a variety of materials used worldwide to transport water and gas at the highest quality, service and the right price. GF HAKAN PLASTIK operates in three core segments of piping systems; Building Technology, Utility and Agriculture. Its certified products are used in more than 70 countries in 5 continents worldwide.

With more than 10.000 products, GF HAKAN PLASTIK manages a land and maritime transport operation seamlessly and is able to meet the needs of its clients fully wherever they may be in the world.

HISTORY

HAKAN PLASTIK was founded in 1965 by the Karadeniz family. Since its foundation, Hakan Plastik has continuously expanded its presence in the manufacturing and sales of plastic piping systems with a focus on innovation.

In 2002, the company invested in a state of art modern facility in Çerkezköy Industrial Zone (ÇOSB), one of the three largest industrial zones in Turkey. To increase its production capacity, HAKAN PLASTIK opened up its second facility in 2012 in Şanlıurfa. Both facilities totally cover an area of 170.000 m^2 .

In 2013, the leading plastic pipe manufacturer of Europe and the Middle East, HAKAN PLASTİK and the world's leading manufacturer of piping systems, Swiss-based Company, GEORG FISCHER joined forces under the name of "GF HAKAN PLASTİK" to provide a unique platform for further growth worldwide.

GEORG FISCHER, founded in 1802 is headquartered in Switzerland and has 125 companies, 48 of which are production facilities, in 32 countries with a workforce of 13,500 employees. The company generated sales of 3.6 billion Swiss francs in 2012. Georg Fischer operates in three core businesses GF Piping Systems, GF Automotive and GF Machining Solutions.

GF Piping System Division is a global supplier of plastic piping systems for the conveyance of liquids and gases in industry, building technology and utility applications. With over 5,000 employees, GF Piping Systems generated sales of about CHF 1.3 billion in over 100 countries in 2012.

- ABOUT GF HAKAN PLASTIK

GF HAKAN PLASTIK operates in 2 production facilities equipped with the latest manufacturing technologies in Çerkezköy and Şanlıurfa with a workforce of 730 employees. Its headquarters is in Çerkezköy. The company has 6 regional directorates, offices and warehouses in Turkey.

The company has taken its place among the top 500 Enterprises in Turkey according to the worldwide known, prestigious Fortune 500 ranking and also one of the Top 500 Largest Companies in Turkey according to "Istanbul Chamber of Industry (ISO)."



GF Hakan Plastik Çerkezköy Factor

The system quality of GF HAKAN PLASTIK has been certified by BVQI, ISO 9001 and ISO 14001. As a result of a meticulous quality control approach and continuous research and development, product quality of GF HAKAN PLASTIK is confirmed by its international quality certificates.





The company gives top priority to using the highest standards of technology to manufacture user-friendly products with the highest quality and service.



UV RESISTANT PP-R PIPES



GF HAKAN AQUASYSTEM UV RESISTANT PP-R PIPES

GF Hakan Aquasystem UV Resistant PP-R Pipe consists of two layers where the inner layer is produced PP-R and the outer layer is produced of the special mixture of PP-R and UV stabilizer raw material of the properties shown.

GF HAKAN AQUASYSTEM UV RESISTANT PP-R Pipes are available in 2 different types depending on the application fields and customer expectations:

- UV RESISTANT STANDARD PP-R PIPES

- UV RESISTANT STABLE ALUMINUM FOILED PP-R PIPES

The main advantages of GF HAKAN Aquasystem UV Resistant Pipes are the following:

- The outer layer which is UV Stabilized prevents cracks when the pipes are exposed to UV radiation and sun rays and higher temperatures.
- The outer layer ensures an effective UV light protection, so there will be no sun effect on the pipe.



Application Areas:

- Outside installations in coastal places.
- Industrial plants.
- Outside installations for hot and cold water.
- Sun collectors.
- Solar energy systems.

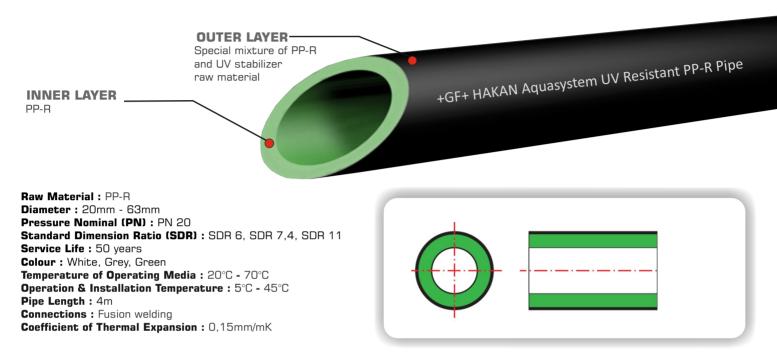


UV RESISTANT PP-R PIPES

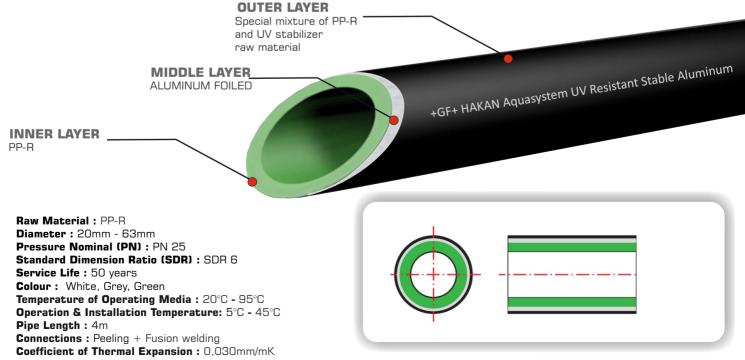


GF HAKAN AQUASYSTEM UV RESISTANT PP-R PIPES

GF Hakan Aquasystem UV Resistant Standard PP-R Pipe



GF Hakan Aquasystem UV Resistant Stable Aluminum Foiled PP-R Pipe

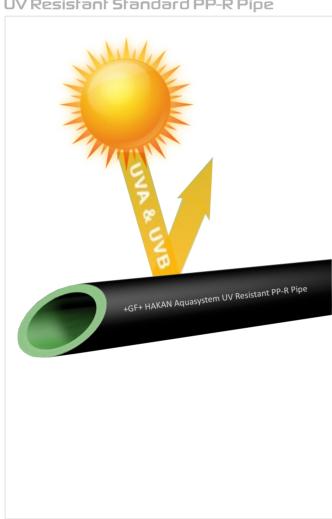






COMPARISON

UV Resistant Standard PP-R Pipe



- Higher resistance to UV radiation.
- No insulation is required.

Standard PP-R Pipe



■ PPR pipe insulation is required





PRODUCT RANGE

■ UV Resistant PP-R Pipe [PN20]



	DIAMETER	PACKING			
WHITE	GREEN	BLUE	GREY	(mm)	(m)
4000002010021	4002002010021	*	4001002010021	20	100
4000002510021	4002002510021	*	4001002510021	25	80
4000003210021	4002003210021	*	4001003210021	32	60
4000004010021	4002004010021	*	4001004010021	40	40
4000005010021	4002005010021	*	4001005010021	50	20
4000006310021	4002006310021	*	4001006310021	63	16

UV Resistant Stable Aluminum Foiled PP-R Pipe [PN25]



	DIAMETER	PACKING			
WHITE	GREEN	BLUE	GREY	(mm)	(m)
*	4102002015021	*	*	20	100
*	4102002515021	*	*	25	80
*	4102003215021	*	*	32	60
*	4102004015021	*	*	40	40
*	4102005015021	*	*	50	20
*	4102006315021	*	*	63	16







Quality Certificates



GERMANY - DVGW



GERMANY - SKZ





RUSSIA, BELARUS, UKRAINE GOST-r



SCANDINAVIAN COUNTRIES - SWEDCERT



BULGARIA BULGARKONTROLA





SCANDINAVIAN COUNTRIES NORDIC POLYMARK





SPAIN - AENOR



SOUTH AFRICA SABS



GERMANY, RUSSIA HYGENE INSTITUT



GREECE EBETAM



SWEDEN



TURKEY - TSE



TURKEY - TSEK



TURKEY YILDIZ TECHNICAL UNIVERSITY REPORT



TURKEY HIFZISSIHA REPORT



POLAND REKOMENDACJA



UKRAINE UKR - SEPRO



GERMANY носн



TURKEY AGRICULTURAL CREDIT REPORT



UKRAINE HYGIENE



UNITED KINGDOM

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