

Product range

and application solutions

 **LARETER**




alixis



Company

LARETER Spa is a Company founded in 1961 that has been operating for more than 60 years in the production of PVC and HDPE pipes, used for industrial applications, water supply, drainage and waste water pipelines as well as for irrigation in agriculture.

With the acquisition of Plastiform SRL in 2008, **LARETER** has expanded its know-how into the production of PVC and HDPE fittings having an entire production department, producing standard fittings or special ones according to drawings of the customers and manufacturing thermoplastic items through a process of both injection and thermo-moulding. The seriousness and reliability of Lareter are furthermore confirmed by the wide case History of application of its products in different projects, coming from leading Companies both in Italy and foreign countries, working in the field of water treatment, constructions, cooling processes, biogas and drains.

In June 2014 **LARETER** Group, a leading producer of PVC – HDPE pipes, acquired FIMAP Technologies leader in the production of material for wells, drainage, geothermal and consolidations, proposing this brand as a reference point on the market.

In 2022 **LARETER** Spa has joined the Aliaxis Group strengthening Aliaxis' ability to bring solutions to the world's water challenges.

LARETER brand is appreciated within the sector, due to its engagement, service and reliability in handling the commitments. Thanks to its stocks in the warehouse, delivery terms from date of order are guaranteed within Europe.

LARETER currently distributes its products in more than 30 countries all over the world. Thanks to a well established commercial network and a well organised logistic department, Lareter is able to respond quickly to customer's requests.

LARETER Spa is a Green company since 2011 focusing on a continuous improvement of its production cycle, promoting projects of sensibilisation on environmental issues and safety on the workplace.

According to its Security and Environment Program Lareter Spa has put into practise the following projects:

- Photovoltaic plant
- Reduction of energy consumption (Energy Efficiency)
- Management of dangerous substances
- Collection of separated waste material
- Voluntary training of staff
- Certificates of energy saving ("white certificates")
- Project Lareter Reduction | Regione Veneto POR FESR 2014 -2020 Azione 4.2.1.
- Project Lareter Innovazione | Regione Veneto POR FESR 2014 -2020 Azione 1.1.2.

Overview

APPLICATION FIELD	PRODUCTS					
	PVC pressure pipes	PVC pressure fittings	PVCA pressure pipe	PVCA pressure fittings	HDPE flanged hydrants	PVC LST pipe
INDUSTRY						
Chemical process	●	●				
Municipal and Industrial Water treatment	●	●	●	●		
Food and Beverage	●	●				
Swimming Pools and SPA	●	●				
Irrigation and agriculture	●	●	●	●	●	
Landfill	●	●	●	●		
INFRASTRUCTURE						
Water distribution networks	●	●	●	●		
Civil construction	●	●				●
Power & Telecom						●
Sewage	●	●	●			
Consolidation						
BUILDING						
Underground drainage						
Civil and industrial drainage						
WATER WELLS						
Water wells						
Geology and Environment						
ON DEMAND						
Waste water drainage						
Cooling towers						
Geothermic						
Heating/cooling						
Other						

Approvals and Certificates



PVC-U micro-slotting drainage pipes	HDPE micro-slotted drainage pipes	PVC sewer pipe	Flame-retardant PVC NF ME	PVC water wells pipes	Fittings for water wells	Valved pipes for injection of mixtures	Customized solution
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Industry

Global megatrends are forcing industries to evolve at a rapid pace. As a result, engineering requirements become stricter every day.

From managing water responsibly to processing chemicals or hazardous substances, there are complex and diverse requirements for industrial pipework.

With a wide-ranging portfolio of products, Aliaxis offers complete systems to fulfil a variety of needs across sectors: Lareter branded pressure pipes are used for water treatment systems, irrigation, waterworks, drainage systems, swimming pools, cooling systems and geothermal applications.

Lareter branded pipes and fittings are also available in PVC-A to provide the best performance for the specific application of the transport of water and fluids under pressure.

The new PVC Polymer Alloy with Additive (PVC-A) combines the resistance of PVC-U with the ductility of Polyethylene, thus creating a product highly resistant to crack propagation and to concentrated loads.

Our plastic piping solutions not only provide the same resistance and reliability as traditional metal systems but also withstand corrosion.

They are cost-effective, offer a long operating life, and require low levels of maintenance.

Applications

- Industrial plants
- Water treatment
- Food and beverage
- Swimming pool and SPA
- Irrigation
- Smoke detection
- Marine



	Products range	Dimensional range	PN	Joining	Standard
	PVC-U pressure pipes	Ø est. 16-500 mm Ø est. 3/8" - 10" (Imperial Sizes)	PN6 PN10 PN12.5 PN16 PN 20	<ul style="list-style-type: none"> • Plain Ends • Rubber Ring Sockets • Solvent Sockets • Threaded • FORSHEDA Power-Lock (mounted during extrusion operation) 	EN ISO 1452-2 BS EN ISO 1452 DIN 8061 NF EN ISO 1452
	PVC-U pressure fittings from pipe	Ø est. 63-400 mm Degrees: 11° - 22° - 30° - 45° - 90°	PN 6 PN 10 PN 16	<ul style="list-style-type: none"> • Plain Ends • Rubber Ring Sockets • Solvent Sockets • FORSHEDA Power-Lock (mounted during extrusion operation) 	EN ISO 1452-5
	PVC-A pressure pipe	Ø 50 - 500 mm	PN 8 PN 10 PN 12,5 PN 16 PN 20	<ul style="list-style-type: none"> • Plain Ends • Solvent Sockets • FORSHEDA Power-Lock (mounted during extrusion operation) 	BS PAS 27 KQ KIWA QUALITY KIP-105133
	PVC-A power bend	Ø est. 63-400 mm Degrees: 11° - 22° - 30° - 45° - 90°	PN 10 PN 16	<ul style="list-style-type: none"> • Plain Ends • Solvent Sockets • FORSHEDA Power-Lock (mounted during extrusion operation) 	BS PAS 27 KQ KIWA QUALITY KIP-105133
	HDPE flanged hydrants	Ø 110 - 315 mm	PN 10 PN 16	<ul style="list-style-type: none"> • Flanged 	Pipe according to UNI EN 12201

Infrastructure

In our fast-changing world, connecting people with quality water and reliable energy only becomes more challenging.

With a focus on the needs of tomorrow, Aliaxis provides a broad range of solutions for essential, large-scale projects that touch our daily lives.

Our global presence brings unrivalled knowledge and expertise, with our teams providing support at every phase of a project. Our market-leading and tailor-made solutions make installation easier and reduce service costs.

They are used in leading infrastructure projects around the world, including pipework for major international waterways as well as transportation of cabling in megacities.

With the reintroduction of Fimap Technologies branded pipes Aliaxis can also offer bridge or flow filters of steel and valved pipes of PVC for reinforcement of foundations and soils, for cement-based injections of cement suitable for the construction of tunnels, dams and for anchoring tie-rods as well as pipes and accessories of plastic and metal for geotechnical application, surveys and recovery of environment.

Aliaxis pipes portfolio is one of the most complete on the market offering a full range of connection options including the FORSHEDA 601 POWER-LOCK™ system.

The gasket Forsheda 601Power-Lock™ is conform or superior to the European Standards regarding water treatment and sewage systems, for PVC Pressure Pipes installed both under and above ground.

Thanks to its special design, this gasket simplifies the installation process of pipelines allowing to reduce irregularities and lower tolerances.

Applications

- Water Distribution network
- Municipalities
- Biogas
- Power & Telecommunications
- Construction
- Sewage



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	PVC-A power bend	Ø est. 63-400 mm Degrees: 11° - 22° - 30° - 45° - 90°	PN 10 PN 16	<ul style="list-style-type: none"> • Plain Ends • Solvent Sockets • FORSHEDA Power-Lock (mounted during extrusion operation) 	BS PAS 27 KQ KIWA QUALITY KIP-105133
	PVC-U LST pipes	Ø 28 - 100	-	• Solvent socket	NF T54-018: 2008
	Valved pipes for concrete injection	Ø 1/2" - 2"	-	• Threaded	
	PVC-U micro-slotted drainage pipes	Ø 1/2" - 14"	-	• Threaded	Slotted according to DIN 4925
	HDPE micro-slotted drainage pipes	Ø 63 - 800	-	• Threaded	Pipe according to UNI EN 12201

Building

The demands placed on buildings today are greater than they have ever been. Not only are buildings expected to be safe and comfortable environments, they also need to be more sustainable from the point of construction onwards.

Water, combined with efficient piping systems for managing it, is fundamental to meeting these challenges within a wide range of buildings. This relies on cost-efficient, durable and environmentally friendly solutions that deliver consistent performance.

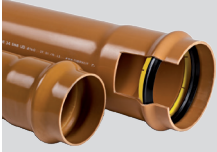

At Aliaxis, we design high-quality piping systems for a wide variety of applications. From residential, commercial, hospitality and logistics buildings, through to educational institutions and healthcare facilities, our solutions help to ensure that these environments are pleasant and safe complying to the most restrictive international standards.

Aliaxis provides market-leading underground drainage solutions Lareter branded that are specially designed to ensure outstanding quality thanks to the 605 FORSHEDA SEWER-LOCK systems, for a long-lasting, reliable performances.

Applications

- Underground Drainage
- Sewage



	Products range	Dimensional range	PN	Joining	Standard
	PVC-U Sewer pipes for underground sewage system	Ø est. 110-800 mm	SN2 SN4 SN8	<ul style="list-style-type: none"> • Plain Ends • Rubber Ring Sockets • Solvent Sockets • Threaded • FORSHEDA Power-Lock (mounted during extrusion operation) 	EN 1401-1
	Flame-retardant PVC-U NF ME pipes	Ø est. 40 - 250 mm		<ul style="list-style-type: none"> • Solvent Sockets 	NF EN 1329-ME



Water wells

Water wells are a fantastic resource for accessing clean, fresh water. These wells are created when water is trapped deep underground between layers of rock.

This unique geological phenomenon makes wells a reliable and sustainable source of water for a variety of uses. Water wells can be used for irrigation, livestock watering, and even human consumption. In areas with poor access to other sources of clean water, wells can be a lifesaver.

They are also a great option for residential and commercial properties, as they can provide an independent source of water. Overall, water wells play a crucial role in ensuring access to clean water for a variety of purposes.

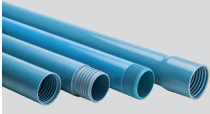
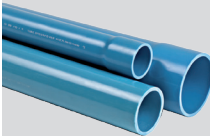
Aliaxis provides a full Fimap Technologies branded range of pipes, fittings, filters and accessories of PVC, carbon steel, stainless steel and galvanized for wells used for the research and collection of underground water.

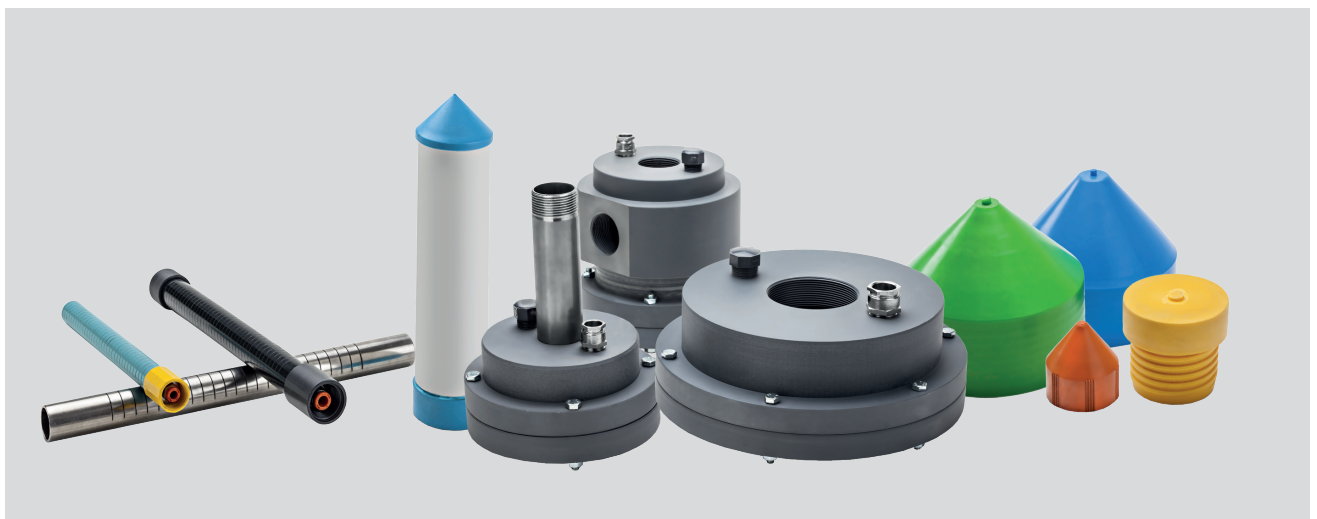
Portfolio is completed also by slotted pipes of PVC and steel for excess water collection within the soil to guarantee the safety of the environment near to natural or artificial slopes, for drainage of roads, for agriculture, railways, constructions and sea sides and investigation of contaminated sites.

Applications

- Water wells
- Consolidation
- Drainage
- Geological and environmental exploration



	Products range	Dimensional range	PN	Joining	Standard
	Threaded PVC borehole pipes and filters	Ø 1" - 14"	-	• Threaded	Slotted according to DIN 4925
	Solvent welded PVC borehole pipes and filters	d125 - d500	-	• Solvent cement	



Threaded adaptors, fittings and special components in PVC, HDPE and steel are available for a full water wells system solution

Custom solution

Customized solutions are becoming increasingly popular as businesses seek more personalized solutions to meet individual needs and challenges.

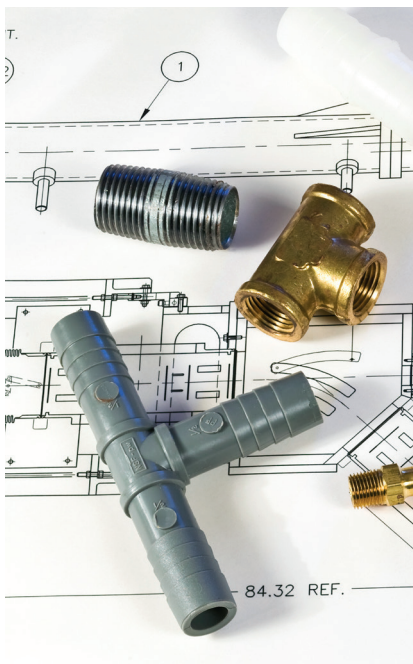
These solutions are tailored to the specific requirements of each Customer, taking into account its unique goals, operations, and other factors.

With technological advancements and innovative methods, businesses of all sizes are now able to access highly specialized and customized solutions that can help them achieve their specific objectives.

This attention towards customization is one of the business driver for Aliaxis to allow companies optimizing their processes, improve efficiency, and increase profitability by addressing specific needs rather than relying on generic solutions.

Applications

- Waste water drainage
- Landfill
- Cooling towers
- Geothermic
- Heating/cooling
- Water transport/irrigation



	Products range
	PE fittings workshop
	PVC-U saddle
	PVC-U Reduced tee big diameters
	PVC sewage gate valve
	HDPE clapet valve
	PVC and HDPE pre-insulated fittings
	PVC-U customized manifold

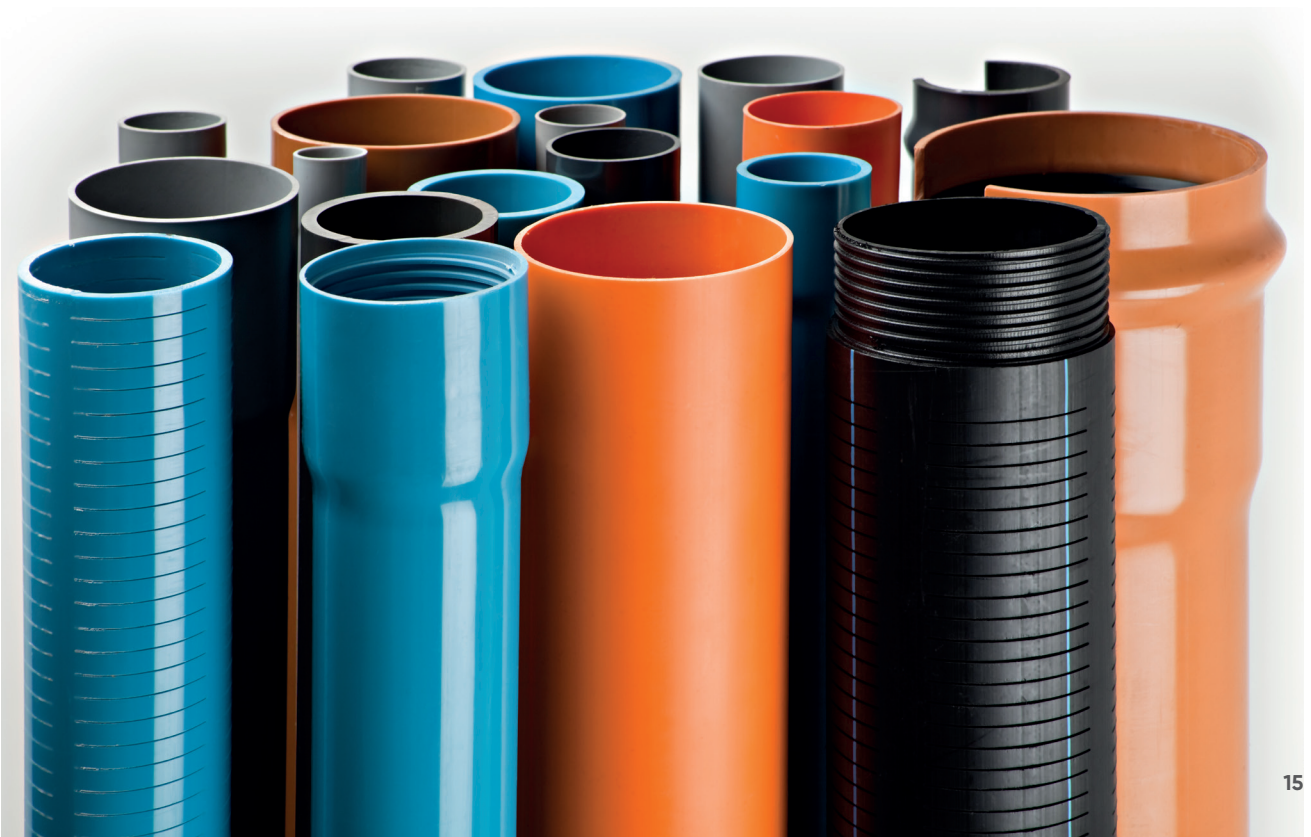


International market

The seriousness and reliability of Lareter solutions are furthermore confirmed by the wide Case History of application of its products in different projects, coming from leading Companies both in Italy and foreign countries, working in the field of water treatment, constructions, cooling processes, biogas and drainage.

Lareter brand is appreciated within the sector, due to its engagement, service and reliability in handling the commitments. Thanks to its stocks in the warehouse, delivery terms of maximum 7 to 10 days from date of order are guaranteed within Europe for pipes in stock, visit our contact page to discover more

Aliaxis currently distributes its products in more than 50 countries all over the world. Thanks to a well established commercial network and a well organised logistic department, Aliaxis is able to respond quickly to customer's requests.





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