As a specialist with more than 60 years of experience in the production of plastic pipes, POLOPLAST finds innovative answers to technological questions.

POLO-KLIMA is a plastic pipe system specially designed and developed for your air-conditioning applications. Thanks to the innovative technology and excellent material properties, the extremely resistant and durable system is a big step into the future of HVAC installation.

This new PP-R pipe system not only improves the quality of life and work environment for the people in the building, it also improves your workflow during the installation.
POLO-KLIMA

AFTER MANY YEARS, STILL AS GOOD AS NEW

POLO-KLIMA renders brittle pipes and corrosion a thing of the past. Boasting an extremely long service life and a fully developed and comprehensive range of pipes and fittings from one supplier, POLO-KLIMA excels for every type of installation. Plus, POLOPLAST pipes also offer you additional innovative benefits.

Let the others age!

MAIN ADVANTAGES
- corrosion resistant
- easy, fast and safe installation
- increased lifetime
- safe and homogenous connections
- fibre reinforcement and reduced linear expansion
- no costs for corrosion protection

FURTHER PROPERTIES
- 75 % less linear expansion
- low weight
- higher flow rate due to thinner walls
- excellent sound and thermal insulation properties
- no problems with dew point and corrosion from outside

POLO-KLIMA can be used for various applications in
- chilled water systems
- district cooling pipelines
- process water cooling
- air-conditioning system piping
- irrigation
- agricultural applications
The POLO-KLIMA ML5 pipe is completed with fittings from POLO-ECOSAN, a system designed for corrosion-resistant and long-lasting HVAC applications.

The POLO-KLIMA system is available in the following dimensions:

<table>
<thead>
<tr>
<th>Product Range</th>
<th>Multi layer pipes</th>
<th>Corresponding fittings</th>
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<tbody>
<tr>
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<td>fiber reinforced PP-R / PP-R GF</td>
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<td>SDR 7.4</td>
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Pipe series: S 3.2, S 5.0

Service pressure: 10 °C / 18 bar

Thermal expansion factor: 0.038 mm/mK

The longevity and quality of POLO-KLIMA speak for themselves, and the products represent the next logical step toward the use of metal pipes. The almost maintenance-free system will not only reduce costly and time-consuming repairs but will also improve the quality of the building itself.

It's your choice! POLO-KLIMA: the future oriented corrosion free system for HVAC applications.
INTERNATIONAL REFERENCES
POLOPLAST IN USE AROUND THE WORLD

Proscenium
Makati City, Philippines
Construction period: 2015–2018

Echelon Tower
Singapore

Sheikh Jaber Al Ahmad
Cultural Centre, Kuwait

Caprice Gold Hotel
Istanbul, Turkey

Please refer to our technical instruction manuals.