

# Flexible and rigid pipe systems from Brugg

Always the right pipe to suit your demands

## 1 COOLFLEX

Flexible, continuously produced and insulated pipe system with PE carrier pipe. For main and branch lines for district and local cooling networks and the transport of service water.



-20 °C to +40 °C  
PN 16  
DN 20-125

## 2 COOLMANT

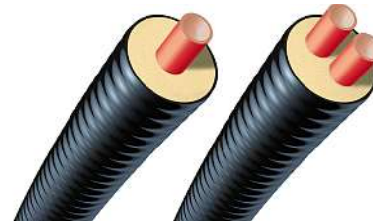
Rigid and insulated pipe system with PE carrier pipe. Suited for main lines for district and local cooling networks and the transport of service water.



-20 °C to +40 °C  
PN 16  
∅ 125-315 mm

## 3 CALPEX

Flexible, continuously produced and insulated pipe system with PEXa carrier pipe. For main and branch lines for district and local heating networks and the transport of service water.



Up to +95 °C  
PN 6/10  
UNO DN 20-150  
DUO DN 20-50  
QUADRIGA DN 20-32

## EIGERFLEX

Continuously produced and insulated pipe system with PE carrier pipe and integrated frost protection cable. For cold tap water and waste water lines that cannot be laid at a frost-protected depth.



Up to +30 °C  
PN 16  
DN 20-100

## 4 CASAFLEX

Flexible, continuously produced, insulated and monitorable pipe system with stainless steel carrier pipe. For branch lines and house connections in district heating, cooling networks and solar thermal heat connections.



-20 °C to +180 °C  
PN 16/25  
UNO DN 20-100  
DUO DN 20-50

## 5 PREMANT

Rigid, insulated and monitorable pipe system with steel carrier pipe. Suited for main and branch lines in district heating and cooling networks.



-20 °C to +144 °C (160 °C)  
PN 25  
DN 20-1000

# Pipe systems expertise without limits

District Heating & Cooling – Industry – Petrol stations – System packages



### Your partner for pipe systems

We are the people you should talk to when you need to find efficient solutions for transporting liquids. With our project engineers, development department, in-house production unit and our professional team of fitters, we have the know-how and the resources to look after your projects competently and reliably. For all types of heating & cooling systems, petrol station construction, industrial plant construction and system packages.

### Customer-specific solutions

Brugg is the full service provider in the field of single-wall, double-wall and insulated pipe systems. This know-how allows us to manufacture project-specific customised items.

### Give us a call!

Our engineers would be pleased to advise you and find a made-to-measure solution.

### International network

Our global partnership network can be reached on site at any time. More than 34 partners in 20 different countries will look after you wherever you are.

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A company of the BRUGG Group

**BRUGG** PIPESYSTEMS  
Flexible solutions

# Pipe Systems for Hotels and Resorts

Sustainable, ecological and economical energy supply



Picture by InterContinental French Polynesia

**BRUGG** PIPESYSTEMS  
Flexible solutions



# For environment-friendly hotels and resorts

The right solution that perfectly fits your demands

District heating and cooling have a promising future. The use of various potential sources of renewable energy for heating or cooling is a highly energy-efficient approach that also protects the environment. Thanks to the individual pipe systems for district heating, cooling and service water from Brugg the vision of energy-saving, low emission cooling and heating has now become reality for hotel planning, too.



**No obstacles**  
Any existing gas, water, electric or sewage lines can easily be bypassed using pipe sections up to 1000 metres long.

**Reliable and sophisticated**  
Easy and simple insulation and perfect protection for underground junctions and connections.

**An ideal match for outside applications**  
High flexibility and simple assembly reduce costs and the amount of work. The PE casing of our pipes can withstand even the roughest treatment and effects of the most dramatic weather fluctuations.

**Small bending radii make laying easy**  
With low force exertion and high flexibility, the pipes can be guided through the trench, even where curves are tight. Costs are reduced and the system's reliability in operation is increased.

**Lower costs with trenchless laying**  
Thanks to horizontal directional drilling (HDD) no trenches are needed for laying pipe underneath roads or rivers.

# Five strengths combined in our pipe systems

Building tomorrow's solutions today

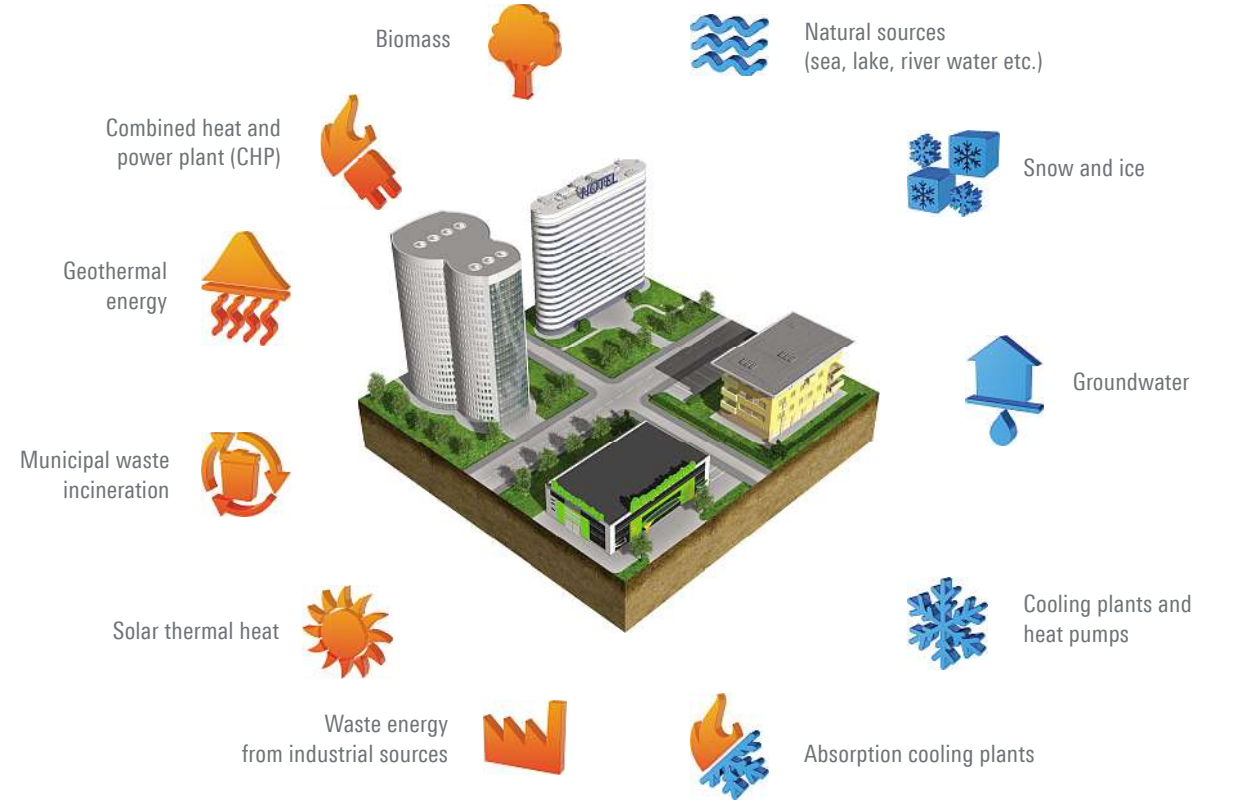
- Flexible**  
Realise small bending radii with low force exertion
- Energy-efficient**  
Reduce energy losses and costs
- Reliable**  
Reliability is reflected in quality and durability
- Fast**  
Speeding up building and installation work will save time and money
- Professional**  
We listen, innovate and keep our promises

# Heating and cooling without global warming?

Choose what's right for our environment and save money at the same time

**District heating**  
The fundamental idea of modern district heating is to recycle heat that otherwise would be lost and to use sources of renewable energy to heat homes. In other words: a market place for green heat that reduces consumption of natural gas and fuel oil.

**District cooling**  
District cooling is a sustainable alternative to conventional electricity- or gas-operated air conditioning systems. As with district heating, the main idea is to use local resources that otherwise would be wasted or difficult to use.



- Key benefits of district heating and cooling**
- Better economy as larger systems are considerably more energy-efficient than small, individual units.
  - Decreased construction and capital costs. Get connected for what is needed, no more. No need to pay for extra standby and oversized equipment which is often running on partial load.
  - Reduce the carbon footprint with better overall efficiency and substantially reduced energy consumption.
  - Exceptional reliability and durability, paired with unusually low inspection, maintenance and repair costs.
  - The guests take no risks of fires, explosions or dangerous media inside the building.
  - Comfort and convenience for residents by eliminating noise and vibration caused by cooling and heating equipment.
  - Improved architectural design flexibility.
  - Save building space that can be used for more valuable purposes (such as rental income).



Using energy-efficient Brugg pipe systems technology will make smoking chimneys and other energy-wasters a thing of the past!