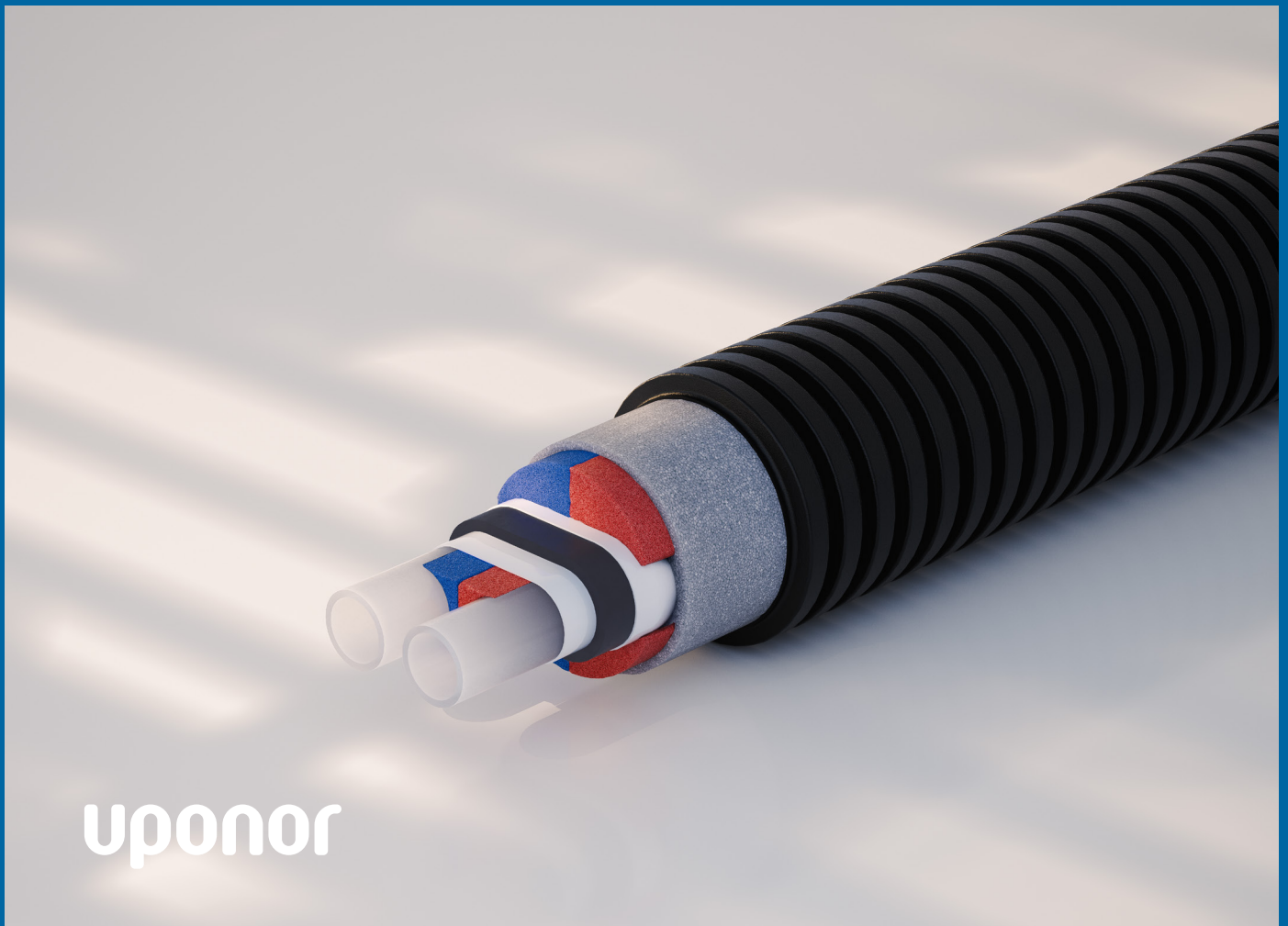


**+GF+**

# Uponor Ecoflex VIP 2.0

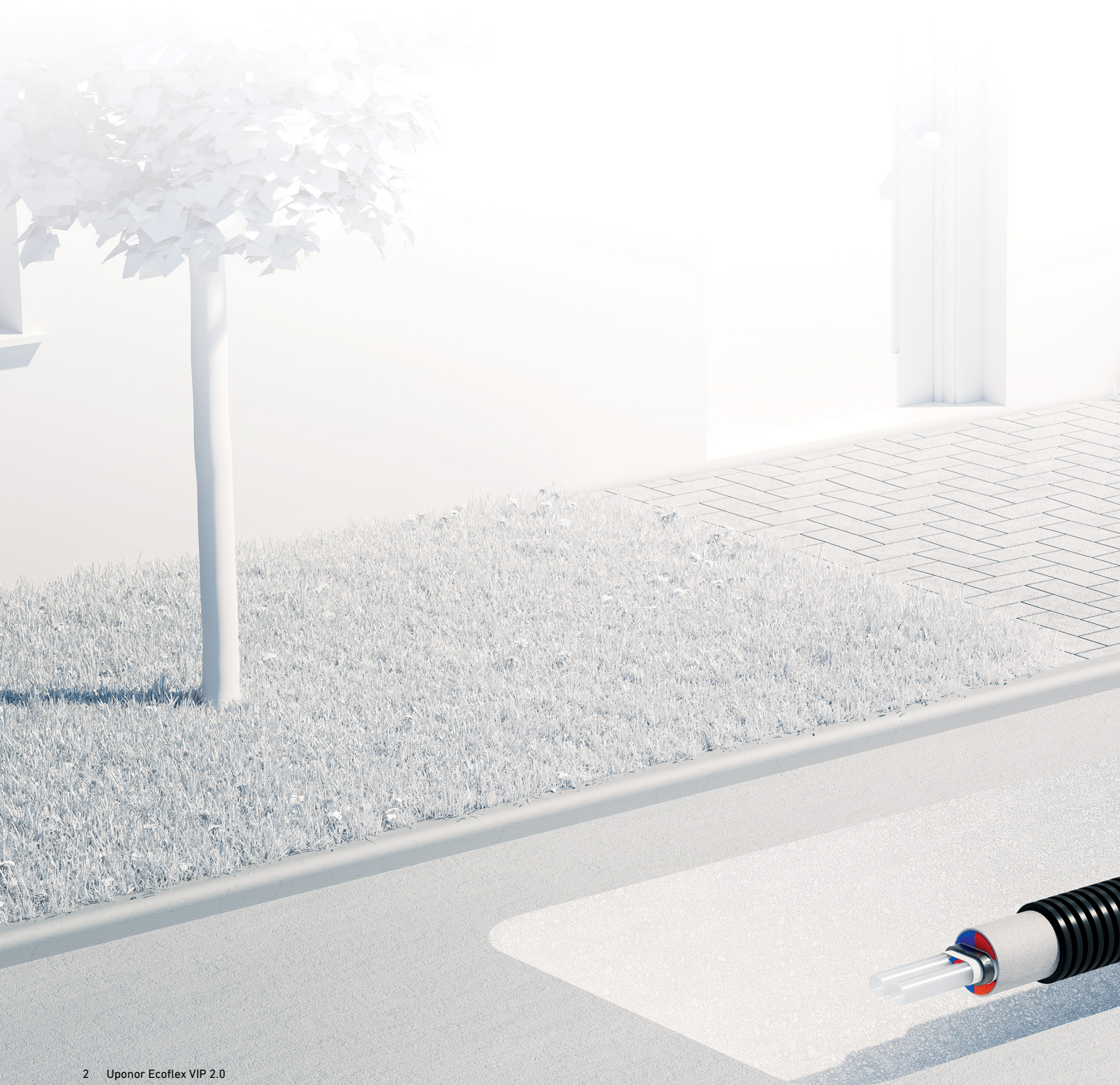
Next generation flexible pre-insulated pipe systems



Excellence  
in **Flow<sup>+</sup>**

Introducing Uponor Ecoflex VIP 2.0

# An evolution of the pipe revolution.

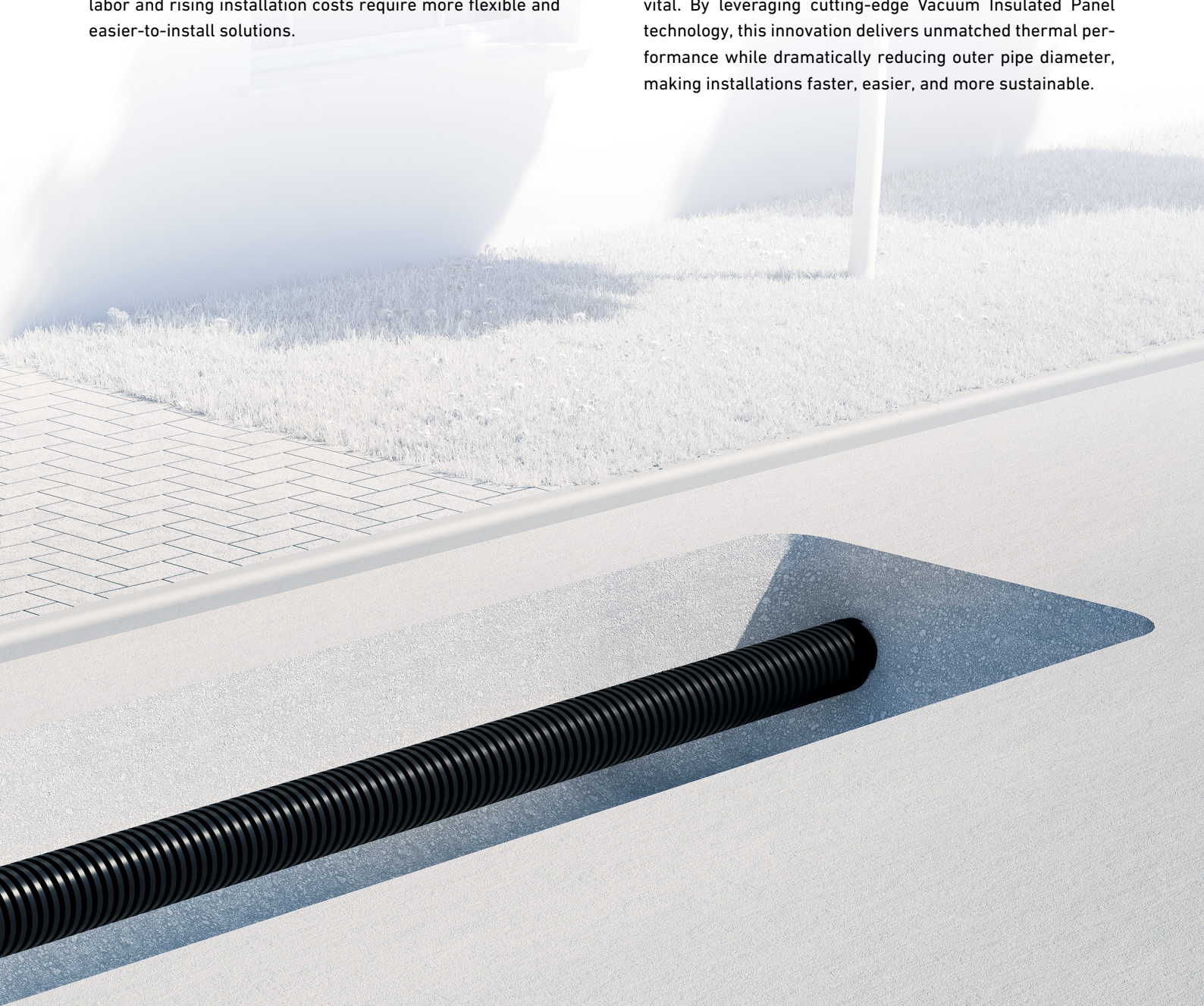




## Outstanding performance, unbeatable flexibility and long-lasting durability.

The European Union's ambitious sustainability and decarbonization goals call for energy-efficient and cost-effective solutions for local and district heating. However, the complexity of installation has slowed down the adoption of high-performance alternatives. Additionally, the decline in skilled labor and rising installation costs require more flexible and easier-to-install solutions.

**Uponor Ecoflex VIP 2.0** is the next-generation of flexible pre-insulated pipes that builds on our proven Ecoflex line. It introduces the most efficient heat distribution pipe ever, designed for medium-to-large sized local heat distribution network applications, where the outer pipe size reduction is vital. By leveraging cutting-edge Vacuum Insulated Panel technology, this innovation delivers unmatched thermal performance while dramatically reducing outer pipe diameter, making installations faster, easier, and more sustainable.





# The Technology Inside Every Pipe

Every layer of the Uponor Ecoflex VIP 2.0 pipe is designed with purpose, from the robust service pipe to the high-tech VIP insulation. This unique composition ensures maximum durability, outstanding thermal performance, and total installation flexibility, even in demanding environments.

### Jacket pipe

Extremely flexible and durable

### Soft insulation

Ensures flexibility and easy installation

### Centring profile

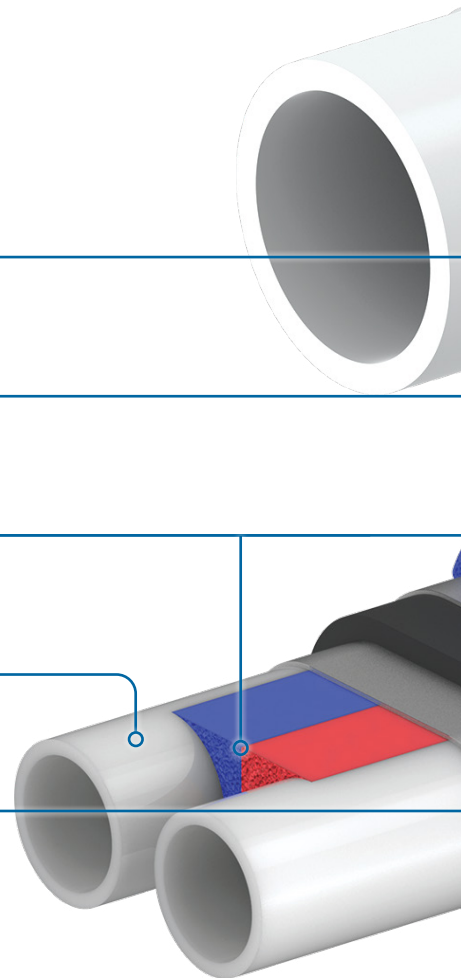
Clear identification of flow & return pipe

### PE-XA service pipe

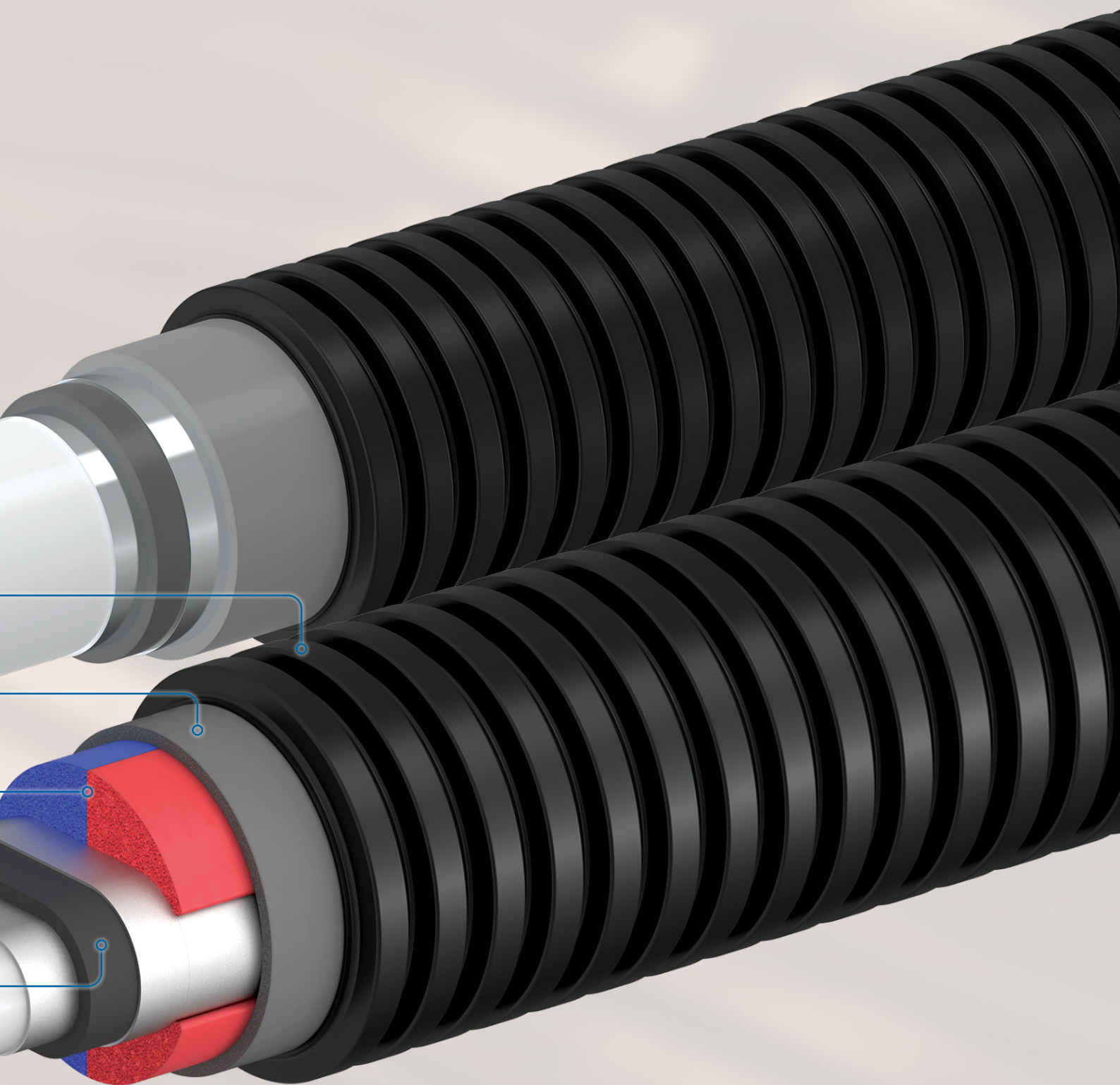
The most robust pipe available

### VIP insulation

Outstanding insulation performance









## Benefits

# Built for Performance. Designed for People.

Uponor Ecoflex VIP 2.0 brings tangible advantages to every stakeholder, from faster installation and simplified logistics for professionals, to lower heat loss and long-term efficiency for end-users.



### For Installers:

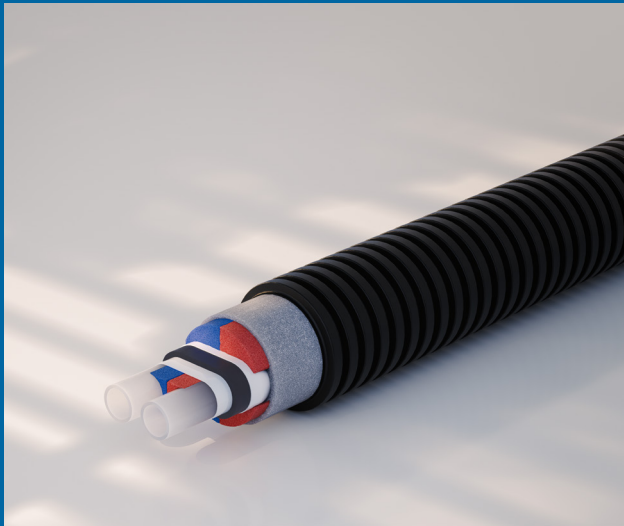
- Up to 50% faster to install vs. steel pipes
- Up to 20% faster vs. stiff pre-insulated pipes
- Easier handling and transportation with reduced roll size and weight



### For End-Users:

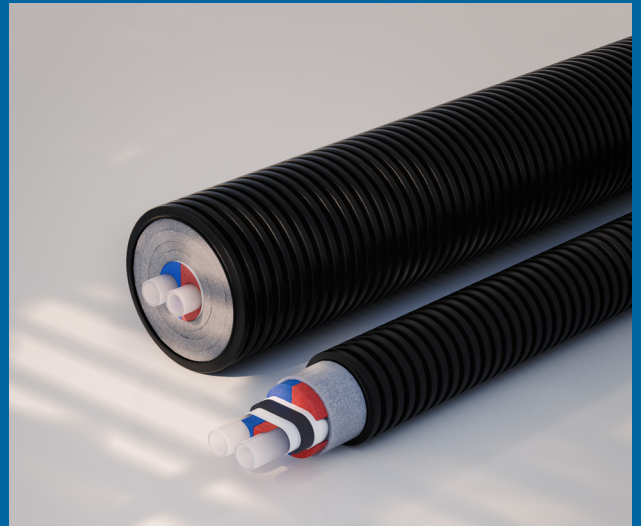
- Lower energy bills thanks to superior thermal performance
- Reduced environmental footprint with less material waste
- Future-ready for sustainable, scalable heating networks





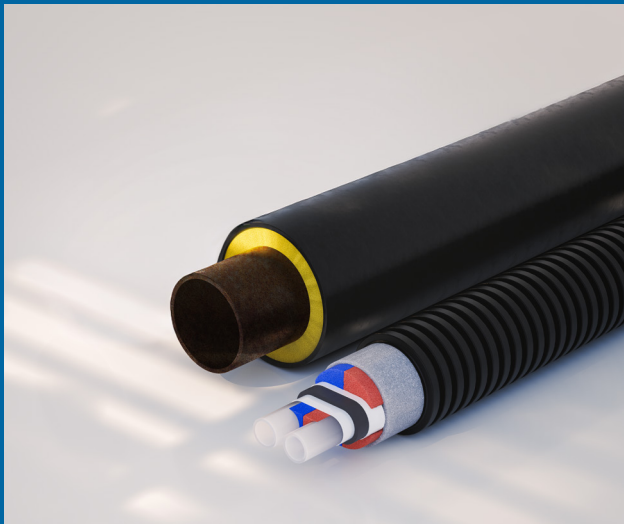
### Best-in-Class Insulation

VIP provides a Lambda of 0.004 W/mK—10x better than PE and 5x better than PUR



### Less Outer Pipe Diameter and Heat Loss

Up to 60% less heat loss and 70% smaller jacket size (compared to similar heat loss and jacket size with PE insulation)



### Superior Flexibility and Time Savings

Up to 20% time savings vs. stiff pre-insulated pipes and up to 50% vs. steel pipes



### Seamless Compatibility

Fully compatible with all Ecoflex fittings and accessories

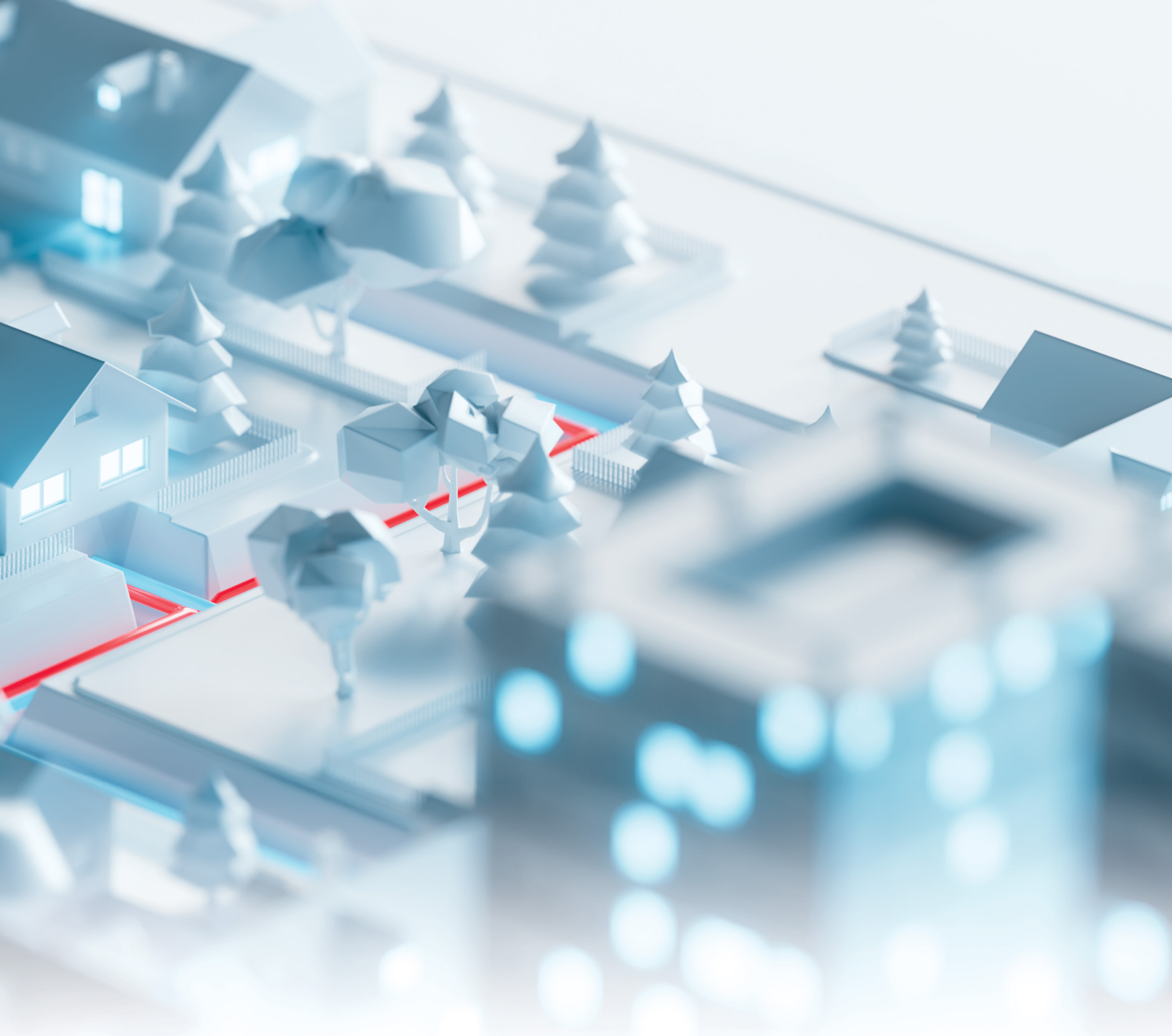


Uponor Ecoflex

# Shaping the Future of Local and District Heating Networks

Available for heating and cooling networks  
with **Ecoflex VIP Thermo** and for warm tap  
water distribution with **Ecoflex VIP Aqua**.





District heating is becoming increasingly popular with municipalities, planners and construction companies. Particularly in urban areas, these networks are considered to be the energy distribution of the future. Local heating networks that operate at low-temperature levels are expected to have a very long service life - even exceeding 50 years. And saving the costs of boiler installation, operation and maintenance is an attractive added value for many property users.

Until now, pipes with the best heat loss performance for supplying heating and hot tap water in district heating networks have been very stiff and not as flexible as pipes insulated with soft foam. Imagine how much better it would be if there were a pipe that combined the best of both types of product.

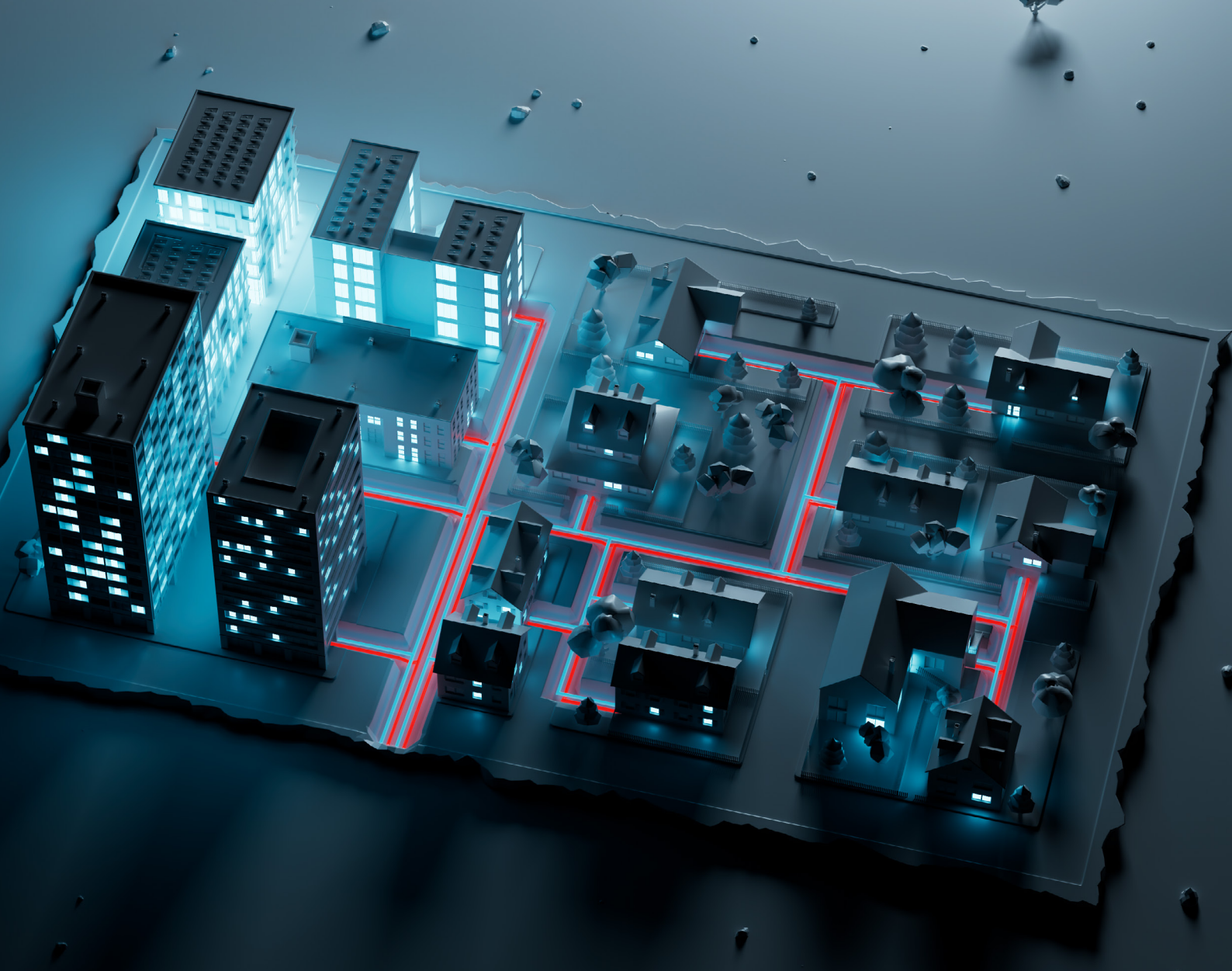
Developed from our trusted Ecoflex line, the VIP series leverages groundbreaking Vacuum Insulation Panel technology used in aerospace to deliver exceptional thermal perfor-

mance with a much smaller pipe diameter. The result? A new generation of flexible pre-insulated pipes that reduce heat loss by up to 60%. The flexible design and small diameter help to reduce the installation time of the pipes by up to 20% compared to hard foam insulated flexible pipes, and by up to 50% compared to steel pipes.

With Uponor Ecoflex VIP, it is possible to make energy distribution more sustainable while simultaneously speeding up installation processes. The safe and durable system can be used in house-to-house connections or entire local and district distribution networks. Future-proof your planning and build today's heating networks using tomorrow's technology - with the new standard in local heat distribution.



**Up to 60% less heat loss**  
thanks to state-of-the-art VIP technology



Uponor Ecoflex VIP Thermo in 140 mm

# Big Dimensions. Bigger Impact.

Introducing the latest insulated pipe solutions in the Uponor Ecoflex VIP family: the recently added 125 mm, now joined by the new, larger dimension of 140 mm diameter. Engineered for large-scale projects, it delivers superior flexibility, thermal performance, and smart installation.

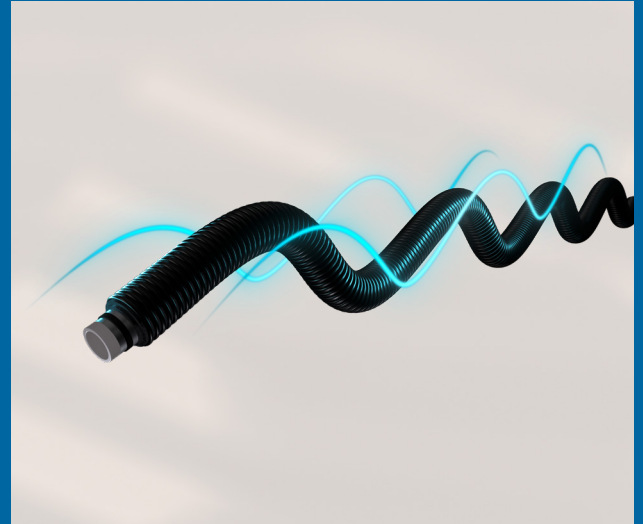
Combining revolutionary VIP technology with enhanced flexibility and durability, these pipes are the ideal choice for planners, developers, and contractors aiming for high-performance, scalable and sustainable heating solutions in local and district heat distribution networks.





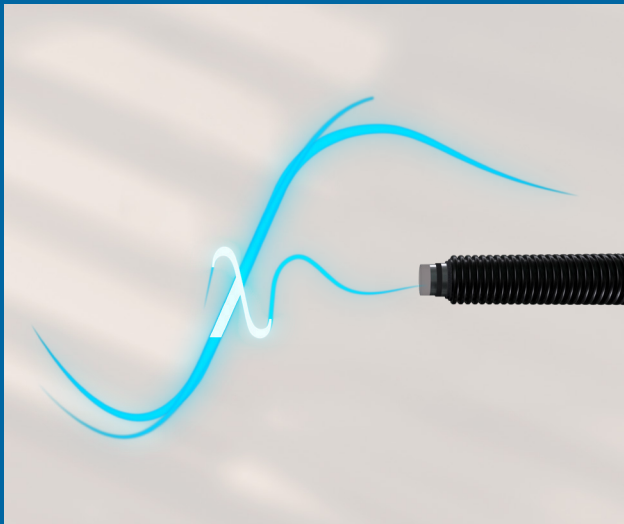
### Large Diameters for High Capacity

140 mm pipes ensure reliable heat distribution for large-scale applications, up to 1500 KW with  $\Delta T_{20}$  Kelvin (around 200 flats)



### Low Heat Loss Performance

Achieves significantly lower U-values compared to competing solutions, maintaining system efficiency



### Revolutionary VIP Insulation

Exceptional thermal performance with a low lambda value of 0.004 W/mK

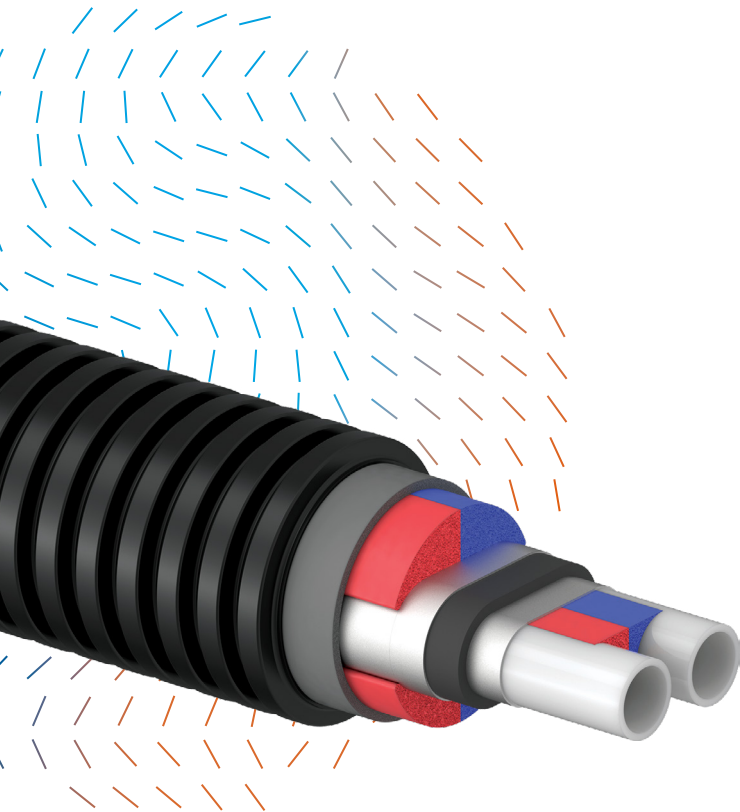


### Compact and Flexible Design

Ensures longer coil lengths and reduced need for joints, simplifying handling and installation

# One Technology. Multiple Applications. Full Flexibility.

From single-house connections to large-scale developments, the Uponor Ecoflex VIP portfolio adapts to your project's needs. Whether for heating, cooling, or warm tap water distribution, every pipe in the range offers the same high-performance insulation and flexibility, now expanded with even larger diameters for demanding local and district heating networks.



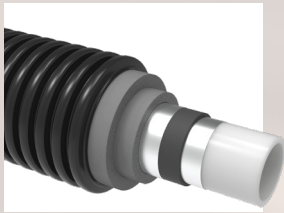




## Uponor Ecoflex VIP Thermo

For heating and cooling networks

### Uponor Ecoflex VIP Thermo Single

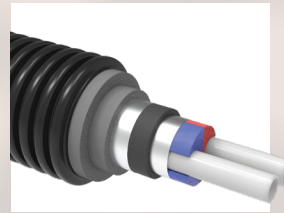


40X3,7/140  
50X4,6/140  
63X5,8/140  
75X6,8/140

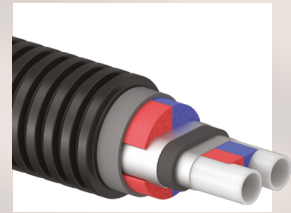


**90X8,2/175\***  
**110X10,0/175\***  
125X11,4/200  
**140X12,7/200\***

### Uponor Ecoflex VIP Thermo Twin



2x25x2,3/140  
2x32x2,9/140



**2x40x3,7/140\***  
**2x50x4,6/175\***  
**2x63x5,8/200\***  
**2x75x6,8/250\***



## Uponor Ecoflex VIP Aqua

For warm tap water networks

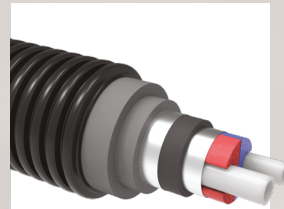
### Uponor Ecoflex VIP Aqua Single



40X5,5/140  
50X6,9/140  
63X8,6/140  
75X10,3/140



**90X12,3/175\***  
**110X15,1/175\***



25x3,5-20x2,8/140  
32x4,4-20x2,8/140  
40x5,5-25x3,5/175  
50x6,9-32x4,4/175  
63x8,6-40x5,5/200

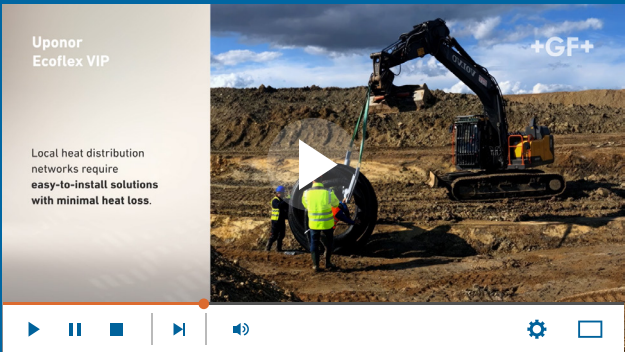
The Next Steps

# Trust in Every Connection

At GF, every innovation is designed with real-world challenges in mind. Uponor Ecoflex VIP 2.0 is more than just a pipe, it's the result of years of engineering expertise, field testing, and cross-industry inspiration. From first sketch to final install, every detail is built around performance, reliability, and long-term value.



Watch on YouTube  
[@UponorEurope](#)



**Product Video**

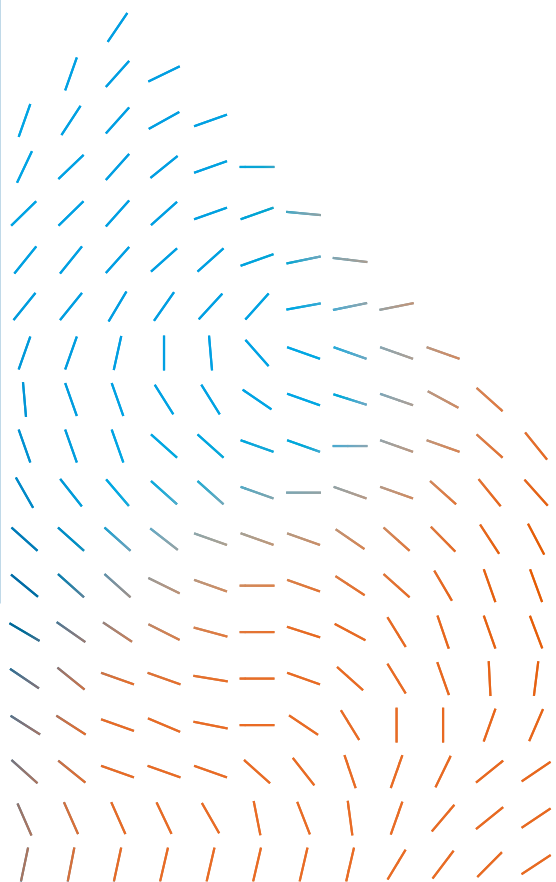
Get a full overview of the technology, performance, and applications of Uponor Ecoflex VIP 2.0.



**Technical Details Video**

Hear directly from one of our product developers about the thinking that brought Uponor Ecoflex VIP 2.0 to life.





### Want to Learn More?

The Uponor Ecoflex VIP portfolio contains a comprehensive range of products for both heating and cooling networks, as well as for hot water distribution and drinking water. But there's always more to explore!

Visit our website to access additional resources and everything you need to get the most out of the Uponor Ecoflex VIP 2.0.



Discover more at  
[uponor.com/ecoflex-vip-2](https://uponor.com/ecoflex-vip-2)

# Excellence in Flow

Visit our webpage to get in contact with your local specialist:

[www.uponor.com/en-en/services/contacts](http://www.uponor.com/en-en/services/contacts)

