

# COOL-FIT

## PRE-INSULATED PIPING SYSTEM FOR COMMERCIAL AND INDUSTRIAL REFRIGERATION

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### **Experience worry-free cooling applications.**

Efficient design, low weight and a wide range of fitting elements cut down on maintenance costs and allow for individualised solutions.



### **Application areas**

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Marine sector  
Air conditioning  
Cold storage facilities  
Power and incineration plants

Dairy industry  
Chemical industry  
Food and beverage industry  
Process and server cooling

## OUR SERVICE

**PLANNING** >> **EXECUTION** >> **INSTALLATION**

## YOUR BENEFITS

### 30 % HIGHER ENERGY EFFICIENCY

- ▶ 65 % less weight
- ▶ efficient foam insulation
- ▶ materials with low thermal conductivity
- ▶ ozone-depleting potential = 0

### 50 % FASTER INSTALLATION

- ▶ no additional insulation necessary
- ▶ made-to-order pre-fabrication
- ▶ pipe, insulation and shell are permanently merged
- ▶ innovative jointing using electrofusion

### 100 % MAINTENANCE FREE PLASTIC ELEMENTS

- ▶ minimum service life of 25 years
- ▶ reliable production and process safety
- ▶ no corrosion, condensate or deposit formation
- ▶ moisture and steam proof

<b>Material // process tube</b>	PE100
<b>Material // insulation</b>	HE foam, halogen-free, closed-porous
<b>Material // outer casing</b>	HDPE
<b>Pressure rating</b>	up to PN 16 bar, SDR 11
<b>Medium temperatures</b>	- 50 to + 60 °C

COOL-FIT is a trademark of the Georg Fischer Rohrleitungssysteme AG.  
All comparisons: average values to conventional metal piping systems

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