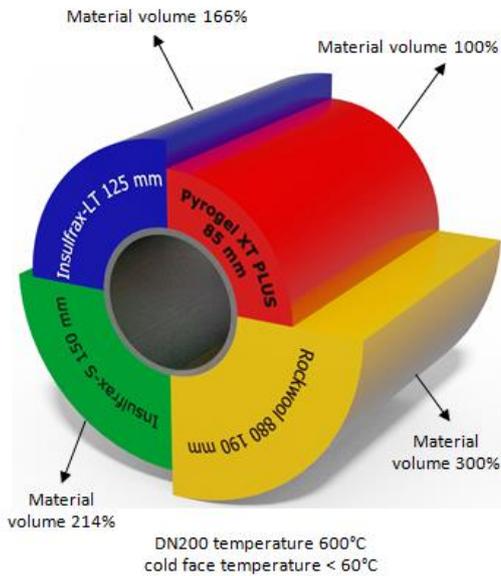


# Pyrogel® Pre-Cutted Shapes



In our own production facility in Steenberg (The Netherlands) we manufacture a complete range of Pyrogel® pre-cutted shapes for amongst others elbows.

## General

Pyrogel® is a patented nanotech technology form of silica aerogel insulation with a non-woven, glass-fibre batting to strengthen the material. The material can be used for high temperature insulation up to 650°C and in fireproofing applications. Pyrogel® products (up to 650°C) are the most effective high-temperature insulation materials in the industrial market, typically 2-5 times thinner than competing products. It is efficient and durable. Its water resistance offers a level of protection against corrosion under insulation (CUI). Pyrogel® is also available in a fire-protection version (Pyrogel® XTF) that is specially formulated to provide exceptional performance against the UL 1709 standard.

## Pyrogel® the best CUI defense

Pyrogel® is extremely hydrophobic and breathable, even at high temperatures, and will not absorb water. The open-cell nature allows any trapped water to evaporate out preventing prolonged contact. The pH is engineered to be >7 to prevent corrosion. Next to this, Pyrogel® is extremely durable and helps to maintain the integrity of the entire system.



## CONTACT

**INSULCON B.V.** – The Netherlands  
+31 (0) 167 565750  
info@insulcon.com

**KERAMAB N.V.** – Belgium  
+32 (0) 3 711.02.78  
sales@keramab.com

**INSULCON GMBH** - Germany  
+49 (0) 2131 408548-0  
insulcongmbh@insulcon.com

**INSULCON PROJECTS S.A.** - Switzerland  
+41 (0)91 911739  
infos@insulcon.com

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# Pyrogel® Pre-Cut Shapes



## Pyrogel® pre-cut shapes

When you use pre-cut, Pyrogel® precision customized shapes, you are able to cut down significantly on man-hours. Due to our large in-house CNC driven machinery, we are able to manufacture tailor-made shapes such as re-usable lobster tails for elbows. This, not only simplifies logistics from our warehouse to the site as the customized shapes can be shipped flat, it also simplifies logistics on site.

During the last years The Insulcon Group successfully supplied many projects with tailor-made aerogel applications intended for the insulation of straight pipes, elbows, T-pieces, reducers, flanges, valves, vessels and other equipment. A reference list is available upon request. On request, we can also help you with the engineering of the complete pipe work insulation.

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+32 (0) 3 711.02.78  
sales@keramab.com

**INSULCON GMBH** - Germany  
+49 (0) 2131 408548-0  
insulcongmbh@insulcon.com

**INSULCON PROJECTS S.A.** - Switzerland  
+41 (0)91 911739  
infos@insulcon.com



## Advantages using Insulcon's pre-cut lobster tails

- Easy to handle and install
- Reusable
- Simplified logistics (ship flat for better packing efficiency)
- Shorten project schedule
- Less waste, no breakage
- Less inventory
- Save time and money