



nmcnaturefoam®

With CLIMAFLEX®
made of NMC Naturefoam®
unite against climate change

The first flexible pipe insulation made of
renewable raw materials

→ The same technical properties
as proven NMC products

nmc-naturefoam.com



CLIMAFLEX® made of NMC Naturefoam® : The new reference in climate protection

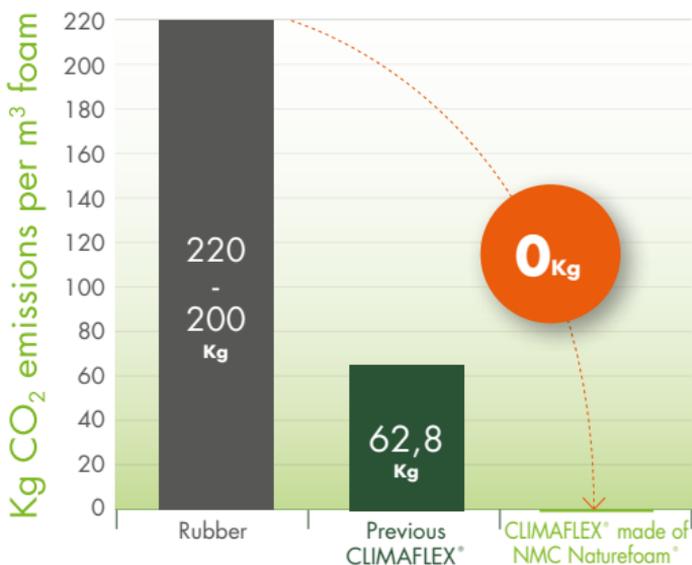
NMC, the leading international player in the development, production and marketing of synthetic foams, has developed a foam based on renewable raw materials. This innovation significantly improves the climate and energy performance of NMC products and helps towards protecting the climate and resources. As a family company, NMC stands for quality and climate protection.

Plant-based raw materials make the difference

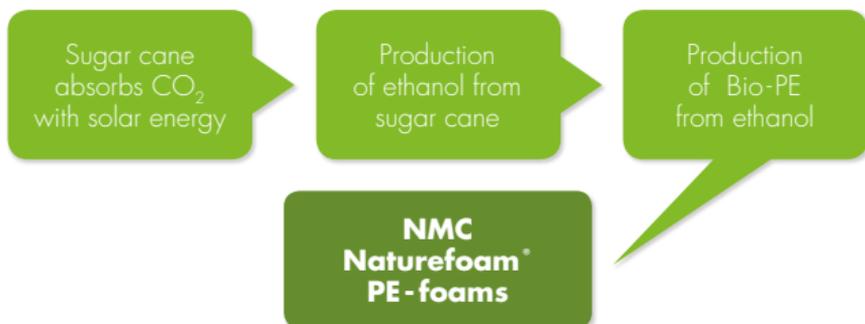
The new NMC Naturefoam® is made mainly from polyethylene manufactured from sugar cane. Sugar cane grows back every year, absorbing CO₂ as it grows and thereby saving finite resources such as oil. NMC Naturefoam® is available for the NMC quality brands CLIMAFLEX® and EXZENTROFLEX®.

First environmental product declaration (EPD) for CLIMAFLEX® made of NMC Naturefoam® shows impressive results

The EPD for the CLIMAFLEX® range made of NMC Naturefoam® certified by the IBU [Institute for Construction and Environment] proves that the CO₂ emission in the entire production process, from cradle to the factory gate, could be **reduced to zero**. This is clearly better than initially estimated. In the production of the previous CLIMAFLEX® formulation, these emissions amounted to 62,8 kg CO₂ per m³ of foam, whereas in common rubber insulation they even come to between 200-220 kg per m³ of foam.



The manufacturing process for NMC Naturefoam®



Pipe insulation made of NMC Naturefoam® offers double the contribution to climate protection

Technical pipe insulation products carrying the proven NMC quality brands CLIMAFLEX® and EXZENTROFLEX® are improved by the use of at least 50% renewable materials. Recycled manufacturing scrap and additives to improve insulation values and fire protection complete the composition.

Best Climate balance

in the entire manufacturing process



Improved energy efficiency through **outstanding insulation**



Double the contribution to climate protection



Top-class product properties

CLIMAFLEX® and EXZENTROFLEX® from NMC Naturefoam® have the same technical properties as the previous CLIMAFLEX® in terms of:

- Insulation values
- Fire performance
- Simple installation by craftsman
- Longevity

The renewable material component is monitored and certified by an external institute.



CLIMAFLEX®



CLIMAFLEX® XT



CLIMAFLEX® STABIL



EXZENTROFLEX®

Sustainability at NMC

One of NMC's stated aims is social, sustainable and ecologically responsible behaviour. For the sake of clients, staff, shareholders and future generations, corporate social responsibility is inseparably tied to environmental protection and sustainability.

NMC's engagement for climate protection

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- Commitment as part of the chemical industry's 'Responsible Care' scheme
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- Electricity based 100% on renewable energy sources
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- In-house 250kW photovoltaic array
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- Recycling of manufacturing scrap
-
- Energy efficiency improved by 21% (at the site in Eynatten, Belgium)
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- CO₂ emissions reduced by 25% (at the site in Eynatten, Belgium)
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Climate protection is a constant process, which is why NMC is permanently committed to implementing further measures to ensure a better future. Pursuant to our aim of continuously improving energy efficiency, and driving down CO₂ emissions even further, our products and production routes are constantly being optimised.



**More information on
NMC Naturefoam® is available at:**

www.nmc-naturefoam.com

we will succeed together

NMC sa

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