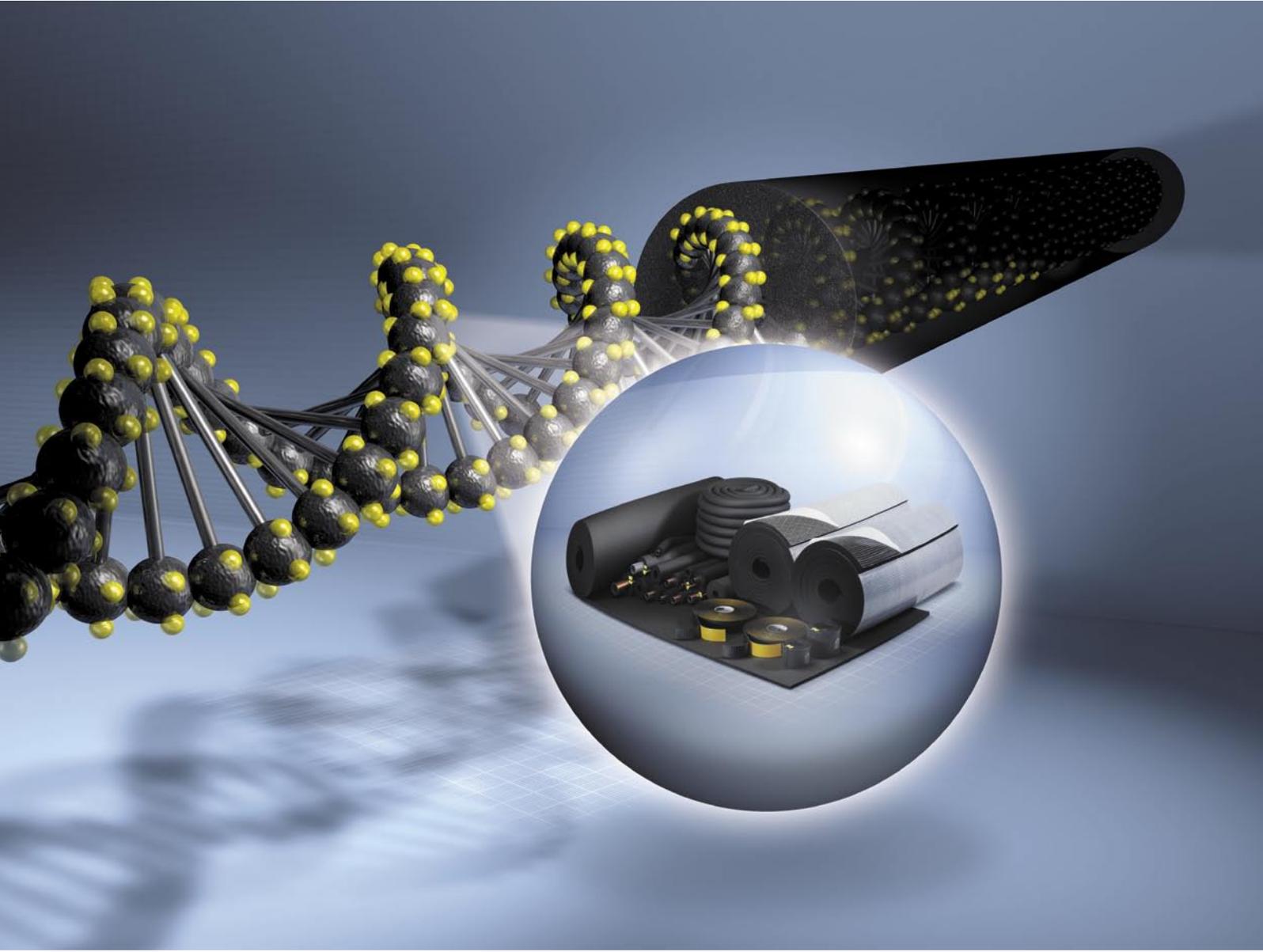


# Armaflex<sup>®</sup>

## ASSURANCE SYSTEM



 **armacell**  
engineered foams

THE MAKERS OF  
**Armaflex<sup>®</sup>**

The Armaflex Assurance System - your peace-of-mind assurance that Armaflex is made to the strictest quality, technical performance and environmentally friendly standards.

### PREVENTS MOISTURE PERMEATION

Multi-layered closed wall cells provide a built-in vapour barrier which can't be compromised by surface punctures or rips - this ensures the vapour barrier stays working for the lifetime of the insulation system.

### PROVIDES LONG-TERM THERMAL PERFORMANCE

Non-wicking - No transmission of water vapour is possible through the insulation due to the closed cell nature of Armaflex. Moisture will not migrate through professionally installed Armaflex.

### LONG-TERM DURABILITY

No fragile water vapour barrier - The built-in vapour barrier can't be "damaged" during installation or over the lifetime of the insulation.

### AVOIDS THERMAL BRIDGING

Armaflex is a seamless insulation system - these same technical properties provide a secure system.

### LONG-TERM ENERGY EFFICIENCY

By minimising the ingress of water vapour into the insulation the multi-layered cells in Armaflex prevent the thermal conductivity from rising. Increased thermal conductivity can in the long term lead to increased energy costs and surface condensation.

### IN-BUILT ANTI-MICROBIAL PROTECTION

In-built Microban® technology gives Armaflex an added level of protection against harmful microbes such as bacteria, mould and mildew.

### INHIBITS GROWTH OF MOULD

- Minimises moisture permeation, the first requirement for mould growth
- Minimises the second requirement: No cellulosic vapour jacket, and the smooth surface doesn't trap dust

### FORMALDEHYDE-FREE

Ensures that Armaflex is a low-emitting product. It is also low VOC.

### SUPPORT REQUIREMENTS OF HEALTH & IAQ\*

- Dust and Fibre-Free
- Will not emit any particles or fibres - even when cut into shapes and fittings
- No outgassing - CFC & HCFC free manufacturing process

### SUPERVISED MANUFACTURING & TECHNICAL VALUES

Factory Mutual Approval Guide - guarantee consistent performance to published values by monitoring

- Fire Performance (FM pipe chase test, Flammability test)
- Water Vapour Transmission
- Thermal Conductivity

### SUPERVISED QUALITY STANDARDS

ISO Registration ensures that all Armacell manufacturing facilities consistently meet customer requirements . . . by managing all processes with ongoing quality assessments.

\* Indoor-Air-Quality



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