



» Products

## Petrochemical

### Technical Benefits of the Arma-Chek system within Petrochemical environments.

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The Arma-Chek systems from Armacell combine 50 years experience of producing and supplying Closed Cell Nitrile Rubber pipe insulation (Armaflex) to Plumbing, Heating and Ventilation and other applications, with the most effective and advanced water-based and glass fibre coverings available today (Arma-Chek coating).

The Armaflex itself provides major advantages to Onshore Petrochemical installations in that it is a closed cell structure and therefore not only does not allow for the absorption of water, but more importantly it does not allow for the ingress of water vapour through its structure.

In effect, this means that the system is extremely good at minimising Under Insulation Corrosion, which has been a major concern when using fibrous and other materials in the past. It is also more flexible than rigid alternatives, which makes the entire installation process less time consuming and costly. Added to this fundamental advantage, the Arma-Chek coverings provide an extremely resilient coating which affords additional protection to the Armaflex to prevent the negative influences such as UV attack, Chemical attack (results available upon request), people traffic and long term weathering.

Although a combustible, Arma-Chek performs very well in terms of fire performance. Smoke generation, toxicity and flamespread tests have been passed to IMO standards (Certification grid for current status available upon request). The flexibility of the system combined with ease of installation has ensured that Arma-Chek has been used on some of the most prestigious PetroChemical plants in a number of International locations.

ArmaChek has been selected due to several key features:

- Closed Cell Structure – Minimises risk of costly Under Insulation Corrosion.
- Easy to Install, Repair and Maintain – no specialised labour required.
- System life expectancy with regular maintenance could be up to 10 years.
- Can be supplied in range of colours so as to eliminate additional labour.\*
- Good resistance to large range of chemicals (information sheet available upon request).
- Arma-Chek S provides the traditionally preferred metallic finish.
- Local stocks are available.
- Lightweight material.
- Maintains physical flexibility despite toughened outer membrane.
- Established track record on numerous international projects.

\*Minimum Order Quantity Applies. Please contact local Armacell Sales Office.

Please see enclosed Specification manual to view further technical features of the Arma-Chek system or contact your local Armacell representative.

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On these pages we have provided general technical data for the application of our products. For specific industry standards and further guidance within a particular country, please contact us via

the CONTACT US function on this web page.

All statements and technical information are based on results obtained under typical conditions. It is the responsibility of the recipient to verify with us that the information is appropriate for the specific use intended by the recipient.

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