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Technical Data Sheet

Water Indicator (W.I.)

Water Indicator (W.I.) for easy leak-detection

- Prevents CUI (Corrosion Under Insulation)
- Indicates fluids in insulation systems
- Contributes to HSEQ and plant integrity
- Detects loss of insulating value
- Easy installation

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Water Indicator (W.I)

Danger

Fluids (such as water) in insulation systems can lead to serious Corrosion Under Insulation (C.U.I.) of pipes and equipment.

The problem

In most hot insulation systems, aluminium or steel cladding is used. In these systems joints and seams are sealed to prevent water ingress or moisture to condensate in the insulation. Due to several causes water or moisture still gets in the insulation and will cause deterioration of thermal properties and start corrosion (C.U.I.).

The Solution

The Water Indicator is a permanent leak detector that responds to all fluids. Installed in thermal insulated pipes or equipment its primary function is to indicate the presence of fluids due to:

- Water ingress
- Leakage
- Condensation

If the Water Indicator gets filled with fluid take the following measures:

- Check if joints and seams are well sealed
- Take the content from the Water Indicator for further analysis and take appropriate actions

Application Guide

Install Water Indicators at intervals (maximum interval: 3m) along horizontal lengths of insulated piping; at the lowest point of insulated vessels/bends. Drill a 16mm wide hole in the cladding/ jacketing. Place the grommet (eyelet) in the hole making sure the largest hole faces downwards. Remove the red cap from the test tube and insert it into the grommet.

Properties

Test tube	Polyethylene
Grommet	PVC
Colour pill	Natural material
Length	55 mm
Required hole in cladding	16mm diameter

For industrial use only.

This data sheet is based on specifications, data and test results available to us at the time of publication.
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* If not applicable, within 6 months from date of supply.