



Water INDICATOR

WUI



PRODUCT DESCRIPTION

Water Indicator WUI uses a unique patented solution with a water sensitive ball of expanding elastomer to indicate the presence of water under insulation. This efficient system allows for easy detection within 24 to 48 hours of water exposure, pointing out critical areas for inspection. The system can easily be reset for reuse. Made with tough, electrically conductive, all-weather Polyamid, the Water Indicator WUI can be used in all climatic conditions. The composition of the Polyamid makes it applicable on high temperature equipment with an operational temperature of up to 150°C (302°F) in contact areas.

PRODUCT APPLICATION

Water Indicator WUI is a reliable surveillance tool to target inspection on areas where water has penetrated the weather barrier system. With easy installation, removal, and monitoring, Water Indicator WUI drastically reduces the risks associated with corrosion under insulation (CUI).

MATERIAL SPECIFICATIONS

MATERIAL(S)

All-Weather Polyamid
WATER SENSITIVE BALL:
Expanding Elastomer

INDICATOR TIME FRAME*

24-48 hours
*depending on temperature
& atmospheric pressure*

UV RESISTANCE

Excellent

OUTER DIMENSIONS

H = 42,7 mm
ø = 34 mm (OD)
t = 2 mm

TEMPERATURE RANGE

0°C to 150°C (32°F to 302°F)

WEATHER RESISTANCE

Excellent

* 0°C to 100°C (32°F to 212°F) and down to -5°C (23°F) for saline solutions

PRODUCT SIZES

Can be fitted on most insulation systems using a traditional SS316 tightening band with an adapted mounting plate.



- A** Inner Sleeve
- B** Silicone Grommet
- C** Outer Sleeve
- D** Hydrophobic Elastomer Ball
- E** Indicator