

ACT Clamp

Anti Corrosion Technology



The Solution: STAUFF ACT Clamps

Efficient prevention of crevice corrosion under pipe clamps on stainless steel pipe work middle and long-term cost savings due to extended service and maintenance intervals.

Construction based on STAUFF Clamps

- Design based on Original STAUFF Clamps according to DIN 3015, Parts 1 and 3 (Standard Series and Twin Series), the tried and tested industry standard for several decades
- Covering the most commonly used metric and imperial pipe diameters from 6 mm to 25.4 mm (from 1/4 inch to 1 inch)
- Alternative configurations and pipe diameters on request
- Installation time reduction (compared to alternative designs)

Independent Testing and Approval

- Subject to stringent testing at the STAUFF in-house laboratories located in Werdohl (Germany)
- Salt spray tests according to ASTM 8117 applied in controlled laboratory environments
- Long-term field tested on a rig in the Dutch sector of the North Sea
- Tests results independently assessed by Centre for Corrosion Technology at Sheffield Hallam University
- Fully detailed, independent test reports available on request

Innovative Design and Materials

Material and design in compliance with Section G.3 (Tubing Installation) of the Norwegian offshore standard Norsok Z-01 O (Revision 3, published in October 2000), API RP 552 and NACE SP 0108-2008 (section 13).



1. Clamp body made of flame-retardant PPVO plastic material; tested and VO classified according to UL 94
 2. Integrated ACE anti-corrosion elastomer strips avoid the accumulation of seawater between clamp body and pipe
 3. Drainage channels aid the dispersal of seawater
 4. ACT Mounting Hardware is made of Stainless Steel V4A (Material Code: W55) with enhanced corrosion resistance by practically excluding metallic and non-metallic impurities during production, processing and handling (only delivered in complete packaging units of 25 pieces per bag to avoid contamination during transport)
- High UV stability of the clamp body material; resistant against seawater, rain and oil
 - Suitable for continuous exposure to temperatures from -25°C to +80°C (from -13°F to +176°F)
 - To be used in sub-sea and top-side environments; alleviating the requirement for two different products