Flange Protection Flier

Stud, Nut and Flange Anti-Corrosion System

MHS-Protect

MHS-Protect is a two part Anti-Corrosion product which is easily applied by paint brush. Two thin coats gives a smooth coating which protects the required areas.

When the MHS-Protect cures (4-6 hours dependent on ambient temperature) it bonds to the base material which prevents water and oxygen ingress which could create corrosion issues.

MS-Pac

MS-Pac is a one part Anti-Corrosion product which is supplied in pre-filled cartridges and is easily applied with a standard deployment tool.

MS-Pac remains as a viscous paste that prevents water and oxygen entering the flange void which is an ideal environment for crevice corrosion to affect seal faces leading to a loss of containment.

Christmas Tree Clamp Studs protected in North Sea conditions.

1. Apply MS-Pac

2. Level the MS-Pac

3. Apply MHS-Protect over MS-Pac

4. Fully protected flange

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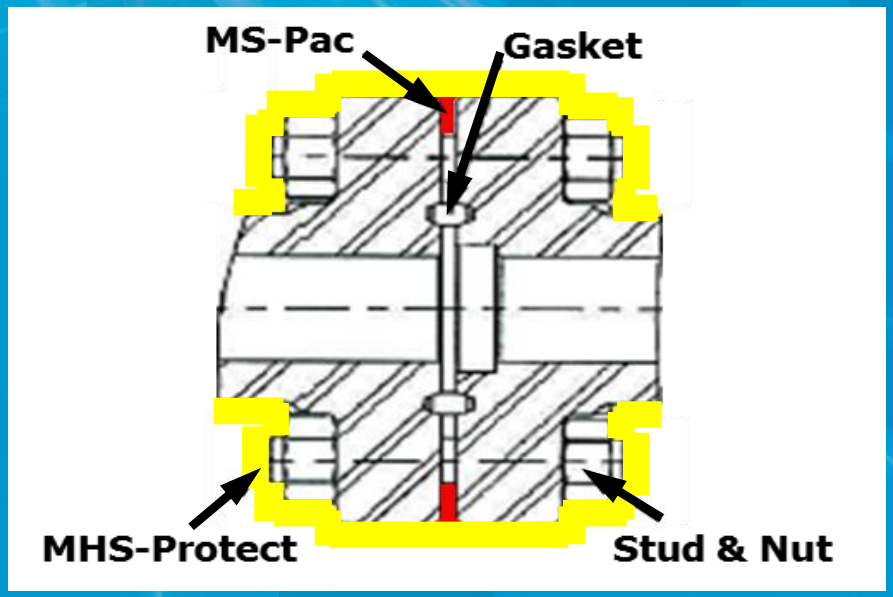
If a fully protected flange were to develop an internal leak, the MS-Pac and MHS-Protect would rupture at the weakest point allowing the contents of the pipe to escape . MHS-Protect will not mask or hide any issues.

The rupture would visually indicate the location of the leak of fluids or gas allowing fast identification & repair.

MS-Pac can be used on its own as a flange gap filler. MHS-Protect can be used on its own if no flange gaps are present. Both products can be combined to create a fully encapsulated protection system.

Drawing showing two part flange protection system



MHS-Protect can be selectively removed by cutting around the required area and peeling back. This is useful for checking name plates or access to inspection sites.

Once the inspection has taken place, another coating of MHS-Protect can be applied which will bond to the original layer reinstating the air tight seal. We used red to highlight this.

5. Cut and peel inspection area

6. Repair patch in red

7. Peel MHS-Protect from nut

8. Fully peel MHS-Protect