













Gas Insulated Substation (G.I.S)







REFLANGEKIT® is a patented concept made of a double shell system that encapsulates the leaking flange. The first soft cover

protects the whole flange (including gasket, bolts and nuts), collects and concentrates SF6 leak through the valve (located on the top). The second hard shell (positioned above the soft one) contains 3X specific resin.

## **REFLANGEKIT® RANGE**

Product already designed for many flange types:











If existing models are not adaptable with your installation, 3X will manufacture it.



Designed, developed and tested in partnership with EDF (French Electricity Supplier).

## REFLANGEKIT® MAIN FEATURES & **BENEFITS**

- Power stations
- Online repair and under pressure
- > Tailor-made for your installation using Finite Element Analysis
- > Suitable for many flange geometries
- > Suitable for aluminium, stainless steel, ceramic and carbon steel materials
- Non-invasive system (none risk of resin intrusion into the flange)
- Flange, bolt and screw system protection
- > Easy disassembly without damage
- > High-quality product certified (many pressure and aging tests performed)
- Cost-effective product (costly shutdown avoided)
- Can also be used as preventive solution
- Installation by 3X specialists to guarantee the sustainability of the product
- Already used and approved by many companies around the world

## REFLANGEKIT® IMPLEMENTATION



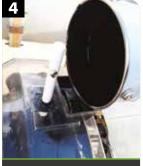
Sa21/2 / St3 and roughness Rz > 60 µm



Leak sealing with soft cover application and valve



Hard shell installation



3X resin injection

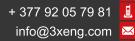


Valve plugged and sealed









www.3xeng.com







DOC MKT 023 - B - ENG - IC - 09.2021