



REFLANGEKIT®



ONLINE & UNDER PRESSURE LEAKING FLANGE REPAIR FOR SF6 GAS



-20° to +65°



SF6



Power plant
installations



Various
flange models



Onshore



Online installation



Non invasive system



COMPOSITE REPAIR SPECIALIST



REFLANGEKIT® is a SF6 leak sealing technique for flanges applicable online and under pressure.

REFLANGEKIT® concept is based on a double shell system that encapsulates the leaking flange. The first soft shell made in PVC will cover and protect the flange and collect SF6 leaks. The second shell made in PET will contain 3X specific resin. An exhaust valve allows the gas getting out during resin injection. After overnight curing of resin, the valve is closed and sealed.

Thanks to this original system, flange and bolts are protected during resin injection and disassembly. The product can be easily removed without damage.



REFLANGEKIT® HISTORY

REFLANGEKIT® has been designed, developed and tested in partnership with EDF R&D (French Electricity Supplier). Various pressure tests and aging tests have been performed internally and in EDF laboratories in order to propose high quality product.

Approved by:



Type of flange:



USE

- SF6 leaking flange repair

APPLICATIONS

- Electrical installation
- Adaptable to various type of flanges
- Temperature from -20°C to +65°C (-4°F to +149°F)

BENEFITS

- Online & under pressure installation
- Non invasive system (none risk of resin intrusion into the flange)
- Bold and screw system protection
- Easy disassembly without damage
- Cost effective installation (costly consignment avoided)

REFLANGEKIT® IMPLEMENTATION STEPS



1

Surface preparation
Sa2½ / St3

2

Leak sealing with
soft cover application
and valve

3

Sleeve installation

4

3X resin injection

5

Valve plug
and leak control