

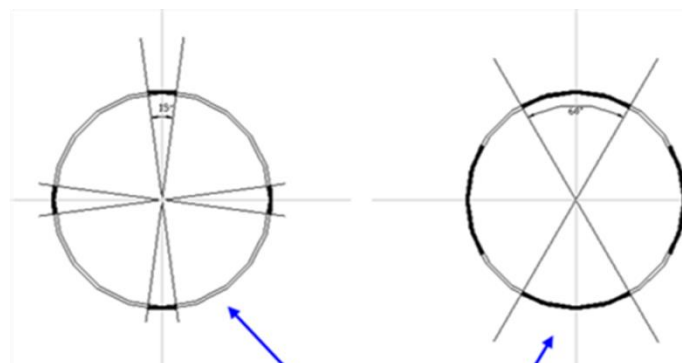
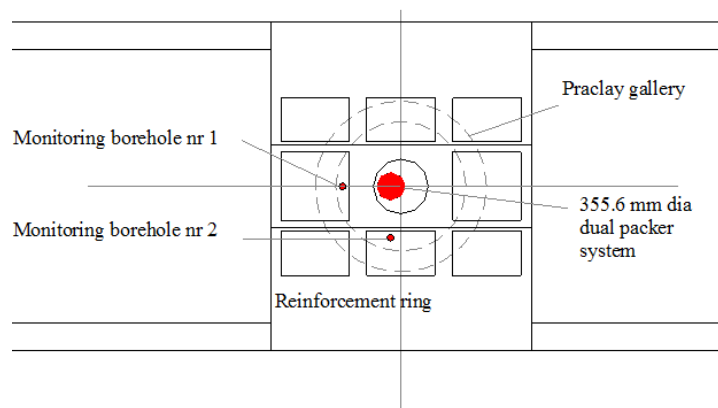
Fate of Repository Gases – large scale packer tests

Packer sleeve specifications & design

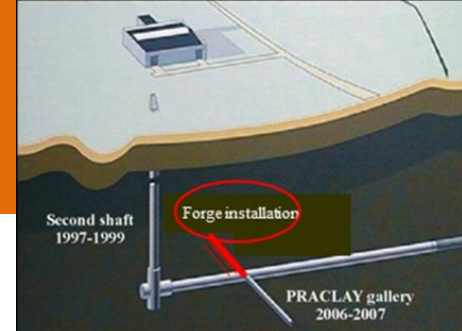
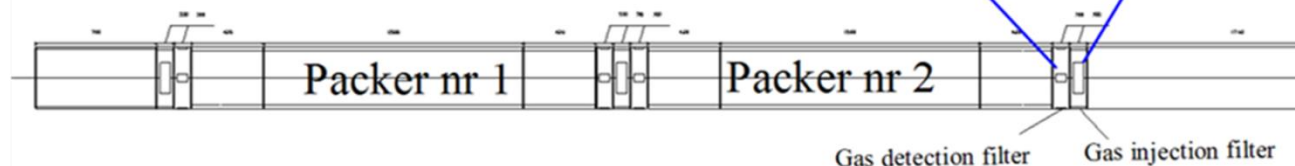
Nominal diameter: 355.6 mm
 Inflatable diameter: 340-440 mm
 Max. working pressure: 120 bar
 Distance from connecting gallery: 18.5 m
 Measurements: IP, PwP, TP, Disp



2011: Installation of FORGE packer in HADES.



Injection & detection filters installed between and at the ends of the packers



GOAL: Study the role played by the excavated disturbed zone, the interface host rock/engineered barrier system and the host formation on the release of gas overpressure and radionuclide transport in the Boom Clay

The system consists of two identical large-diameter reinforced-rubber inflatable packers, two multi-filter monitoring piezometer boreholes and a full data acquisition system to monitor inflation pressure, total pressure, packer displacement, pore water pressure and gas pressure.