

Case Study – novapress[®] 850

Municipal works gas transfer station



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Application

- 13 bar
- Natural gas
- Ambient temperature
- PN 16 DN 50, PN 16 DN 80

Problem/challenge

A natural gas detector is used to check the gasket connections for tightness at the gas transfer stations owned by municipal works.

Values of >200,000 ppm have been achieved with the gaskets (fiber and graphite materials) used until now. It has not been possible to ensure the target value of 0 ppm.

Before assembly, the entire surface was brushed with so-called “sealing agents”.



This solution was unsatisfactory

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Solution

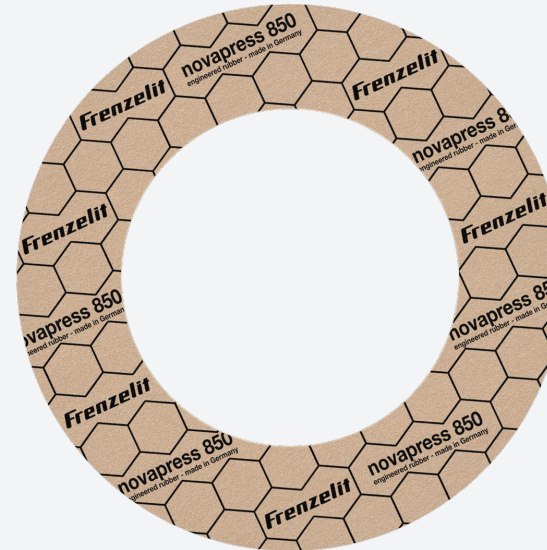
novapress® 850, thickness 2.0 mm

Special treatment

Not required

Result


The specified value of 0 ppm was achieved with Frenzelit novapress® 850 and without any additional “sealing agents” on the flange connections.





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