

GEKAVE Internal Repair Clamp

GEKAVE internal repair clamps are used for permanent repairs of broken and damaged pipes from the inside.

for water, gas and petrochemical fluids



The GEKAVE internal repair clamp offers a cost & labour effective permanent repair solution for the renewal of leaking pipes, in order to conserve water and to protect the environment.

The problem:

Leakage of pipe joints in the stormwater and sewage watertransportation is a known – and costly fact! The consequences of water loss result in increased pumping & energy cost, including maintenance and lost revenues. Sewage leakage will not only contaminate the surroundings but the waste is also not being transported for proper treatment.

The solution:

In order to resolve these damaging liabilities concerning the ecology, GEKAVE has found a very simple and functional method, after a two year research program. An ingenious, internal stainless steel repair clamp which is suitable for waste water piping has been designed and tested.

The application:

The GEKAVE internal repair clamp can be installed inside pipes of various materials. –20 inch / 500 mm. – or larger – and a safe operating pressure can be exercised up to 240 psi / 16 bar. The special profile on the external side of the rubber gasket will ensure a complete sealing surface between the expansion sections and the pipeline to be repaired. All the metal components for this simplified internal sealing procedure are made of stainless steel 316L quality material and are fully passivated.

A very solid and functional expansion system takes care of the proper distribution of the forces on the rubber seal, so that a perfect sealing will be created.

During the installation of the stainless steel sections one only has to use a screwdriver and a ratchet wrench. In other words, no complicated and costly equipment or installation time is required. The GEKAVE internal repair clamp has a low amount of parts and is light weight which is an appreciated and welcome feature during installing expansion procedures.

By selecting an ultra–low profile internal construction system, the optimum water flow characteristics can be maintained.