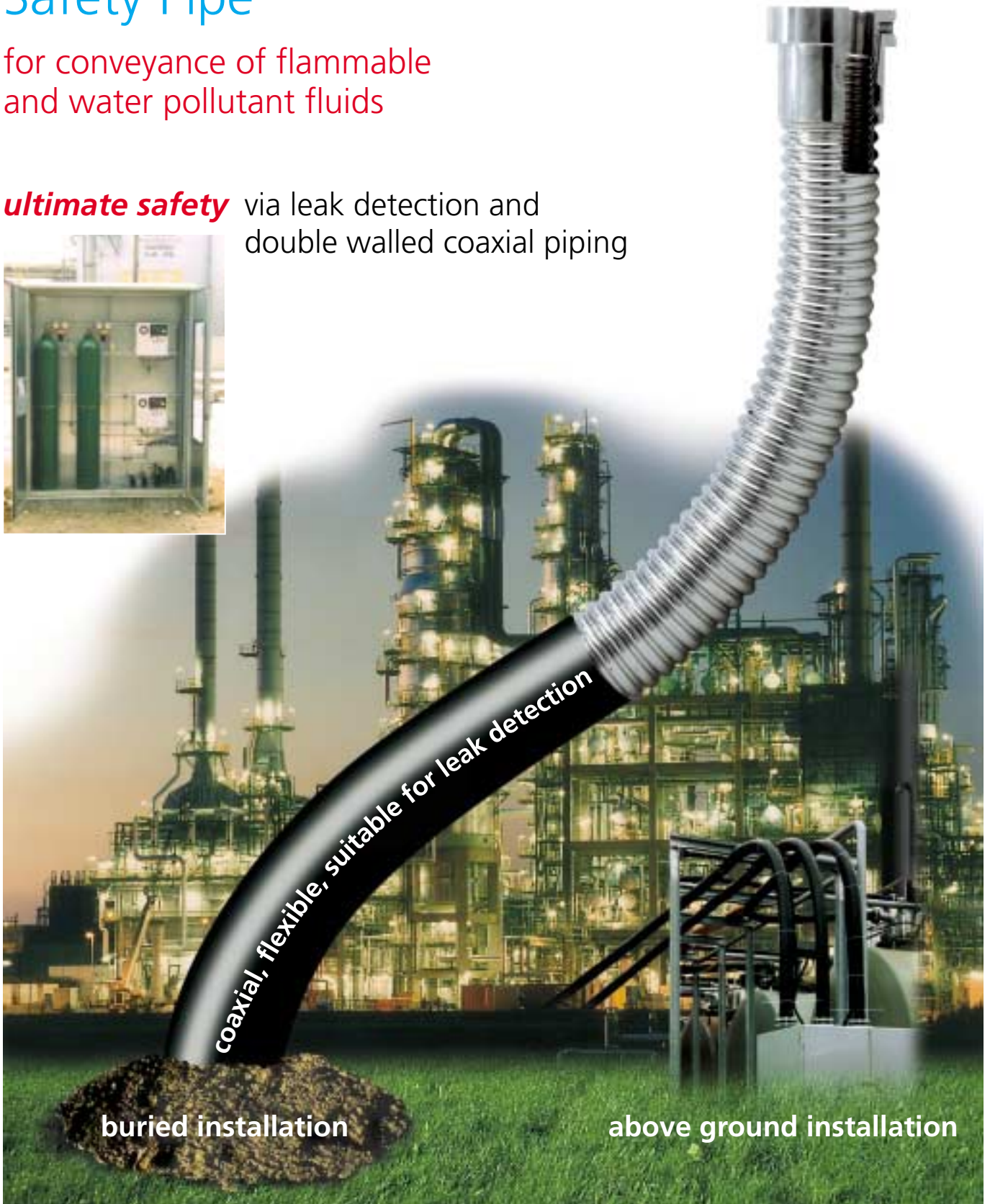


FLEXWELL- Safety Pipe

for conveyance of flammable
and water pollutant fluids

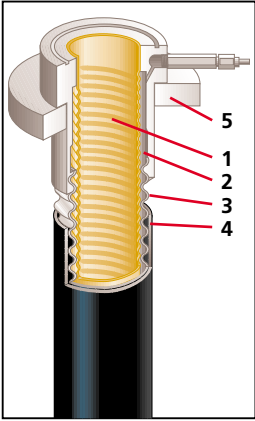
ultimate safety via leak detection and
double walled coaxial piping



coaxial, flexible, suitable for leak detection

buried installation

above ground installation



Construction
FLEXWELL Safety Pipe:
1 primary pipe
2 annular gap
3 containment pipe
4 bituminous mastic layer
5 PE-jacket

FLEXWELL Safety Pipe

- Coaxial, flexible, suited for leak detection
- factory prefab piping system up to DN100, PN 25 (4" dia., 350 psig)
- with permanent leak monitoring capability
- suitable and tested for safe handling of hazardous and environmentally dangerous products

Construction and Function

- double-walled piping
- corrugated primary pipe and outer containment pipe
- material: stainless steel or copper
- high-quality external corrosion-proofing
- dimensions from DN 15 - DN 100, PN 25

Leak Monitoring

- the annular gap between the inner and outer pipes enables permanent leak monitoring by means of approved leak detectors operated by pressure or vacuum.

Approvals

FLEXWELL Safety Pipe with leak monitoring is a recognized leak detection system within German regulations.

There a leak detection system is defined as all the equipment necessary for the detection of leaks (the monitoring space, the leak alarm, double-walled piping system, leak detection medium)

Basis:

- Environmental regulations and water purity requirements.
- European standardisation for leak detection systems prEN 13160



Laying a double-walled
FLEXWELL Safety Pipe



Quality checks, process, pressure and material tests are carried out during the procedure for approval by independent testing organizations and internal quality assurance officers.

The operation of this system complies with the highest European safety level (Class 1).

Systems of this class show a leak either above or below the fluid surface in double-walled safety systems. They are constructed for safety and ensure that no leaking product can escape into the environment.

Laying and Installation

- underground and above ground laid out in continuous lengths direct into the trench from the reel / onto pipe trestles
- fast and simple laying from Point A to Point B
- short construction times
- no welding needed on the route
- no construction and pressure tests needed when laying
- no field joints needed, bendable
- all changes of direction are compensated by the flexible pipe system
- all-the-way corrosion proofing, high anti-corrosion performance
- acceptance test only after complete laying/installation process in the form of a test of the leak detection system
- laying and installation are performed by trained and recognized specialist firms
- support from BRUGG field engineering and service organization

Advantages of the System

- planning security through approved system
- lengths up to 500 m deliverable
- clearly defined procedures for approval, acceptance and operational readiness of your works
- works prefabricated system with all necessary expertises, tests and quality certification.

25 years FLEXWELL Safety Pipe

Safety through corrugated piping technology for handling hazardous and flammable fluids.

Take advantage of our experience as suppliers of piping systems from the planning stage to putting it into operation.