

FISS - TECHNICAL SHEET



FIRE RESISTANCE

Ta > 1000°C. EI 120, according UNE EN 1366-1.

LABORATORY TESTS



TEMPERATURE TEST

20 cycles of 12 hours at 50kPa of pressure, switching temperature between -15°C and +30°C.



VIBRATION TEST

10 days with 10Hz frequency cycles, 6 mm amplitude and pressure of 50 kPa.



MECHANICAL TESTS

Tensile test D/2 x 10 N (5h), D twisting N (5 min in each direction) and folding action between 35 and 45 degrees (5 min each way).



CHEMICAL RESISTANCE TEST

Chlorhydric acid (pH 2), sodium hydroxide (pH 12), sodium sulfate, sodium chloride, and diesel oil.



LEAK TEST

Water immersion for 48 hours with 50 kPa of pressure in the conduit after the previous tests.

RECOMMENDATIONS

It is recommended to store the FISS in a dry and closed place and far away from different chemical products. The use of FISS shutter is specified at entry of impermeable pipe (plastic, metal, etc.) to ensure the complete sealing of the pipe. It is important to follow the installation instructions for a correct installation and uninstallation (same instructions that the OKT)

The FISS is environmentally friendly.

PRODUCT FEATURES

Internal pressure of 300 ± 30 kPa. Used for sealing and shutter occupied ducts subjected to an internal maximum pressure of 50 kPa (5 meter water level in the access manholes).



Example of securing Data-Center