

# NuDUCT 5110

Protection of ventilation ducts and shafts



## Key benefits

- Protection of ventilation and smoke extraction ducts with requirements E (fire protection), I (thermal insulation) and S (smoke protection)
- Watertightness
- Fire sectorisation
- Seismic resistance according to HN-20-E-53
- Fire prevention
- LOCA according to NFT 30903
- Decontaminable
- Resistant to water and aggressive liquids, according to EN ISO 2812
- Interoperable with ventilation equipment Nuvia (valve...)
- Flexible protection
- Adaptable to the environment, compression is possible
- Repairable

## Performance

- Fire resistance up to 3 h
- Weight: 19kg/m<sup>2</sup>

## Technical data

- Qualification according to EN : NF EN 13501-2 - NF EN 1363-1 - NF EN 1366-1 - NF EN 1366-8
- Protection is PMUC
- Intergration of the REX in the fields of application in order to cover the maximum number of configurations

## Application

- Manual placement
- DIB waste

## References

- EPR Flamanville 3
- EDF nuclear power plant
- CEA / CEA DAM
- Naval Group
- Orano

NuDUCT 5110 is a flexible protection, ensuring protection up to 2 hours, depending on the configuration; It is adaptable to the environment; This protection is composed of mineral wool, glue refractory and a protection fabric; This complex has a thickness of 80 mm.