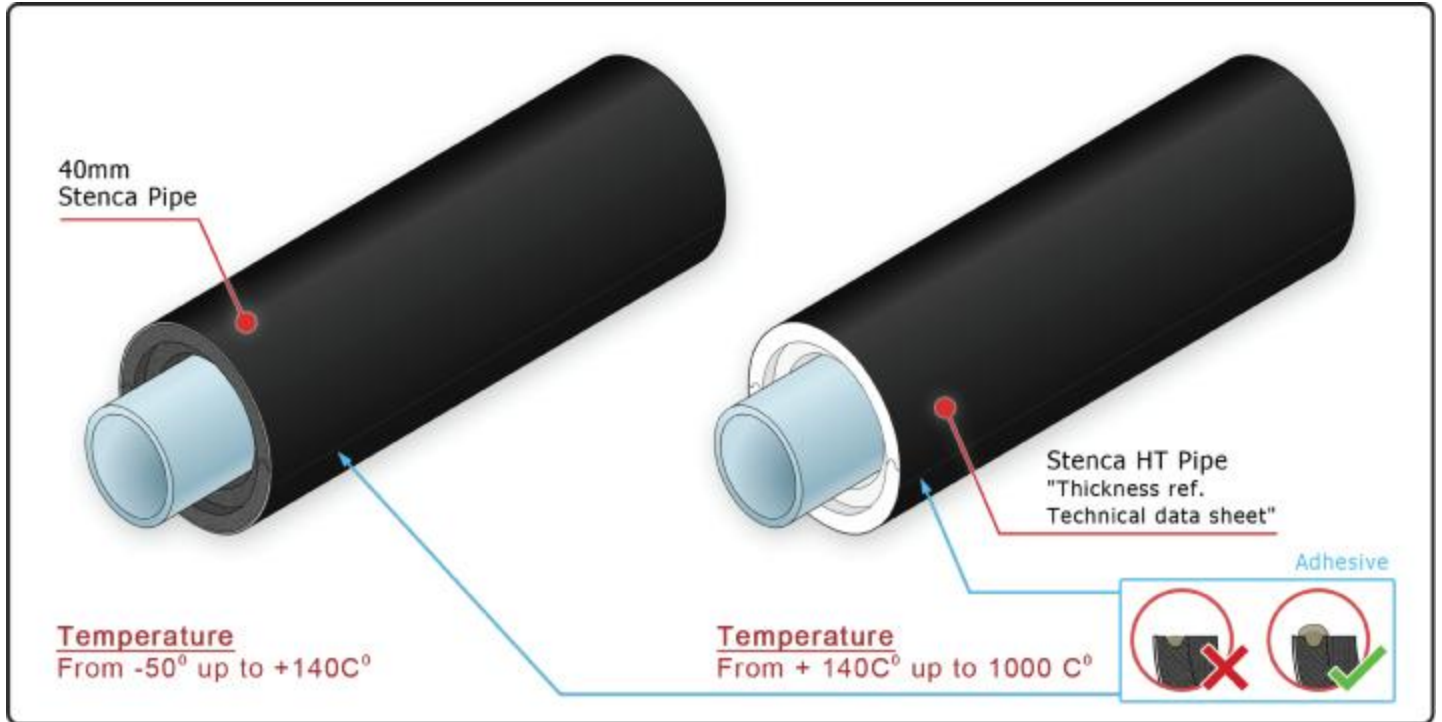


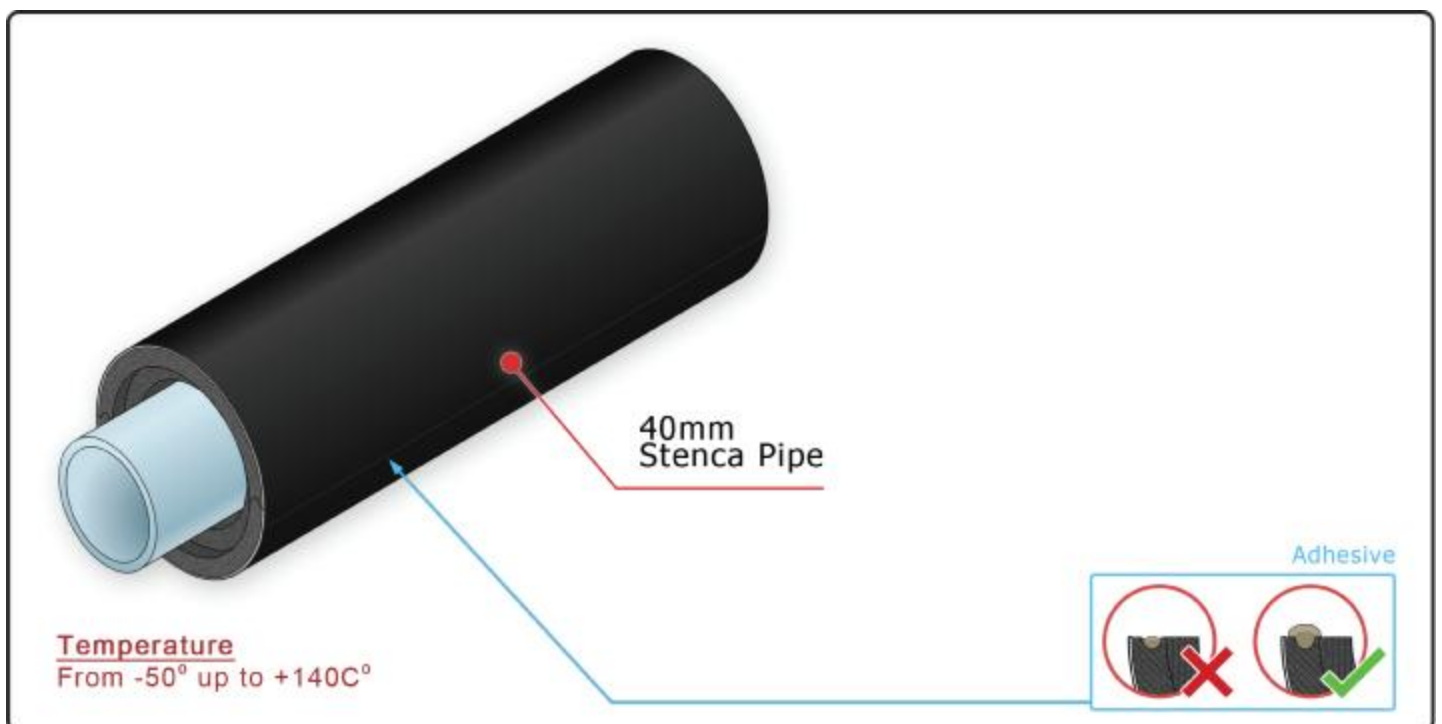
NORSOK CLASS 1 / Heat Conservation

The purpose is to reduce heat losses and to maintain temperatures for the efficient operation of the process.



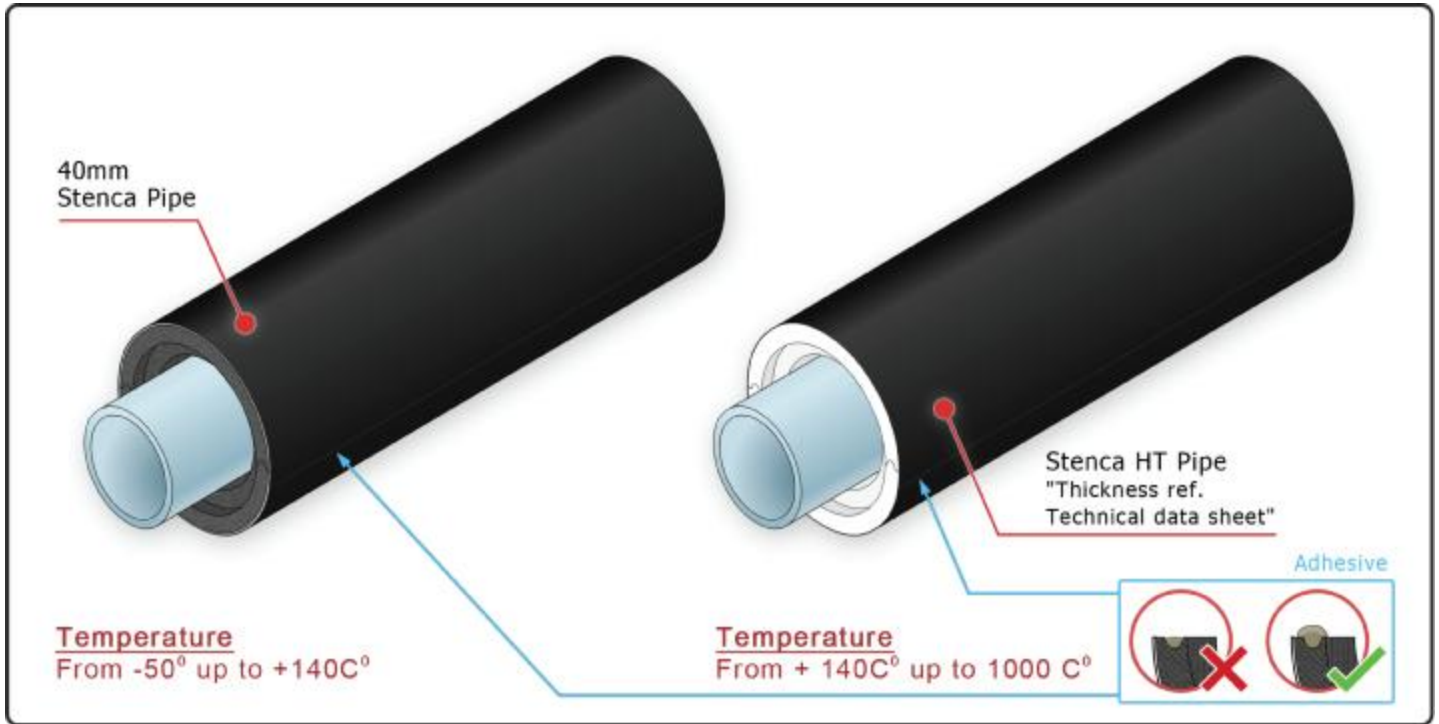
NORSOK CLASS 2 / Cold medium Conservation

The purpose is to maintain low temperature and control heat input in the process.



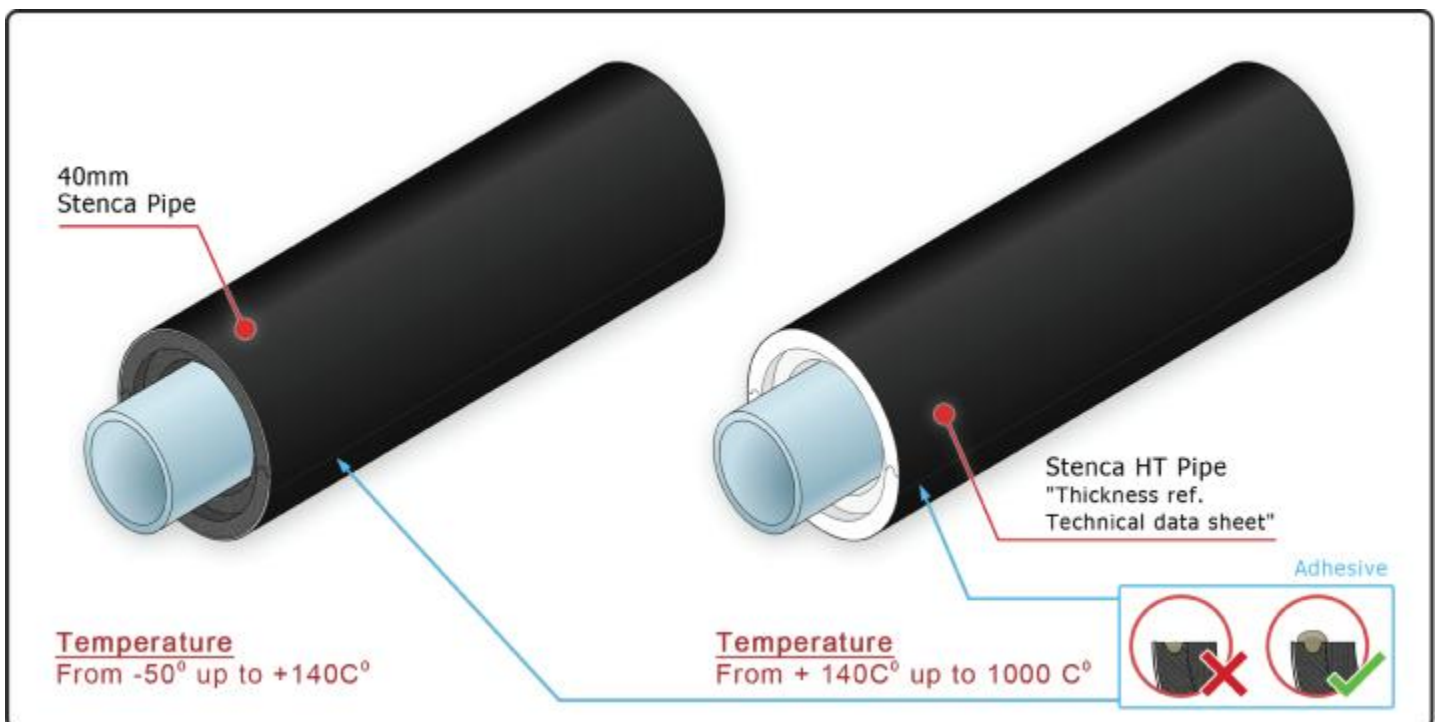
NORSOK CLASS 3 / Personal protection

Surfaces with operating temperatures below -10 C° or above 70 C° and are confined to a distance of not more than 2,1 m vertically and 0,8 m horizontally away from walkways and normal working areas shall be guarded by screens. Insulation shall only be used where guards are not practical.



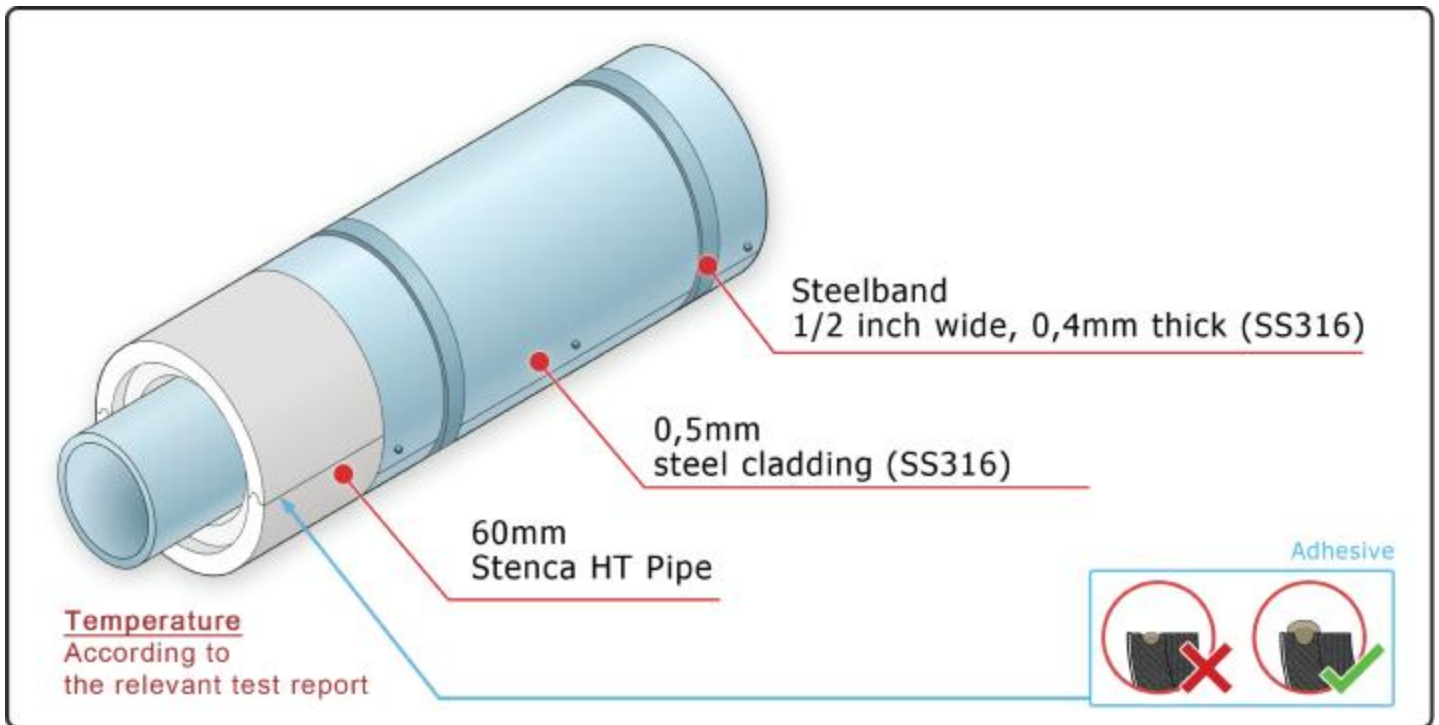
NORSOK CLASS 4 / Frost protection

Insulation/heat tracing to prevent freezing, solidification and condensation.



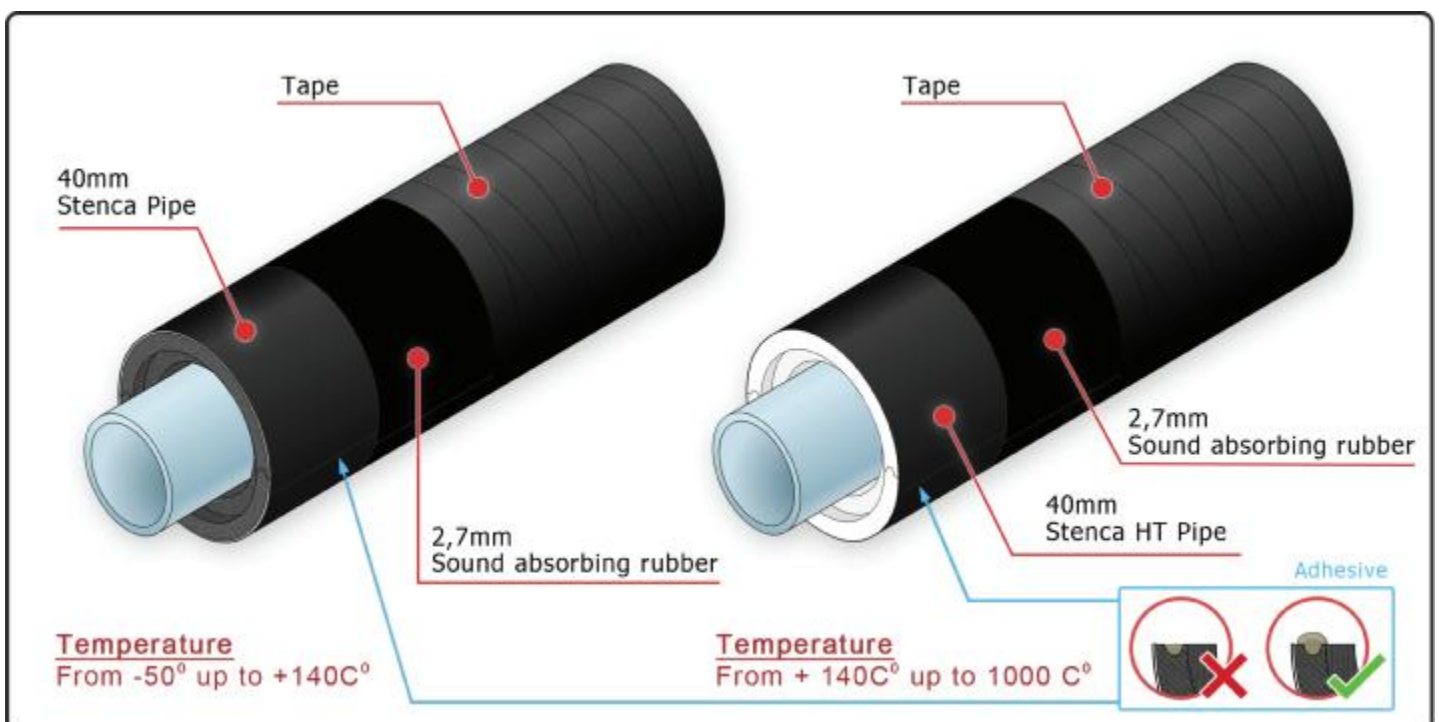
NORSOK CLASS 5 / Fire proofing

The purpose is to reduce the heat input and limit the temperature to 400 C° on piping, vessels and equipment in a hydrocarbon fire situation. Fire proofing according to any other fire scenarios shall be specified in each project.



NORSOK CLASS 6 V.1 / Acoustic insulation

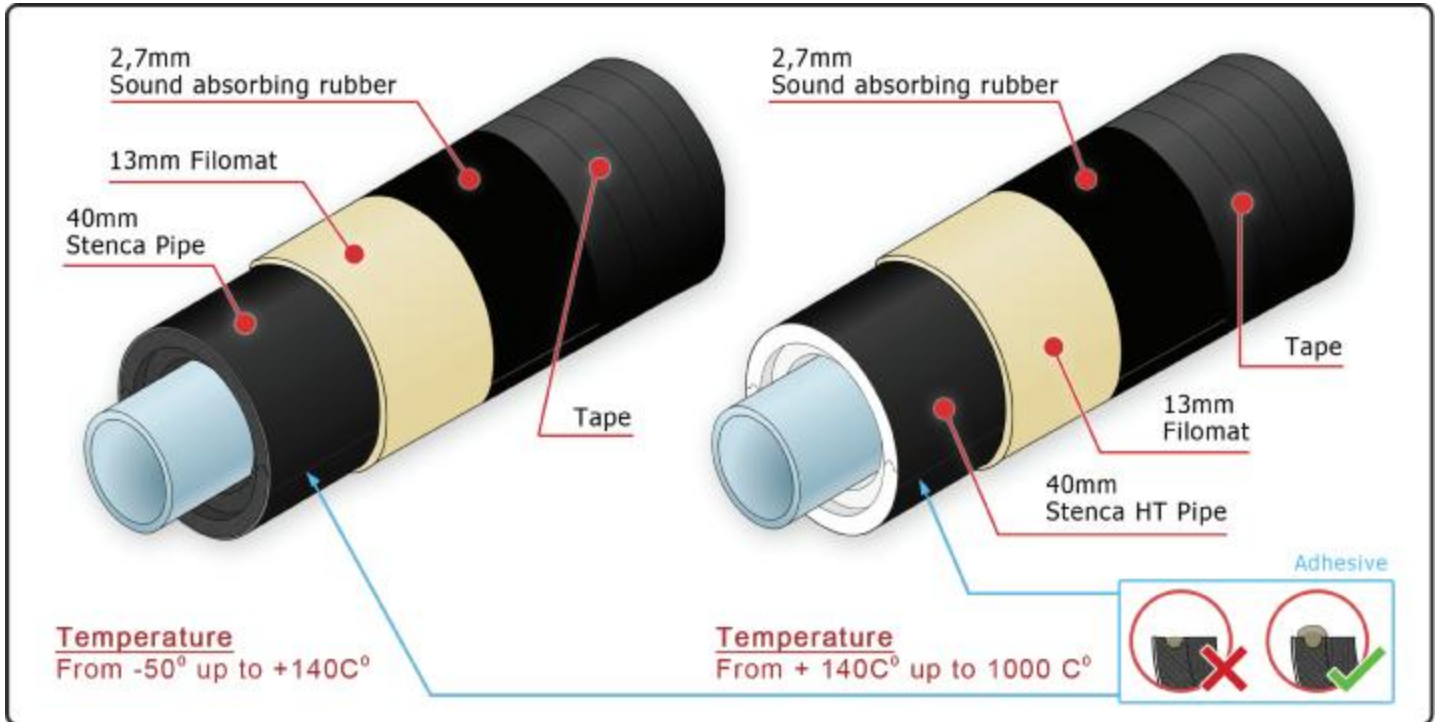
Reduction of noise in the area 500-2000 Hz by 10 dB.



NORSOK R004 (Edition 1 - 2009)

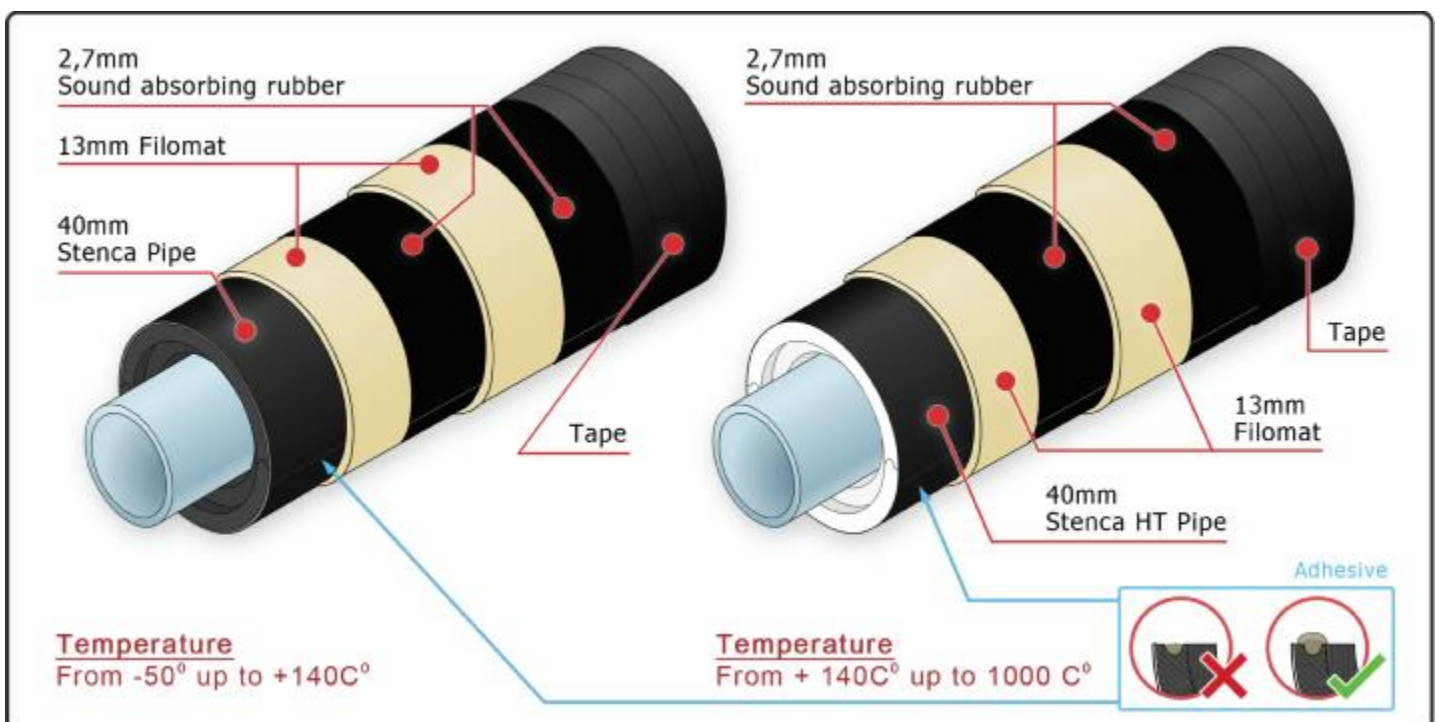
NORSOK CLASS 7 V.1 / Acoustic insulation

Reduction of noise in the area 500-2000 Hz by 20 dB.



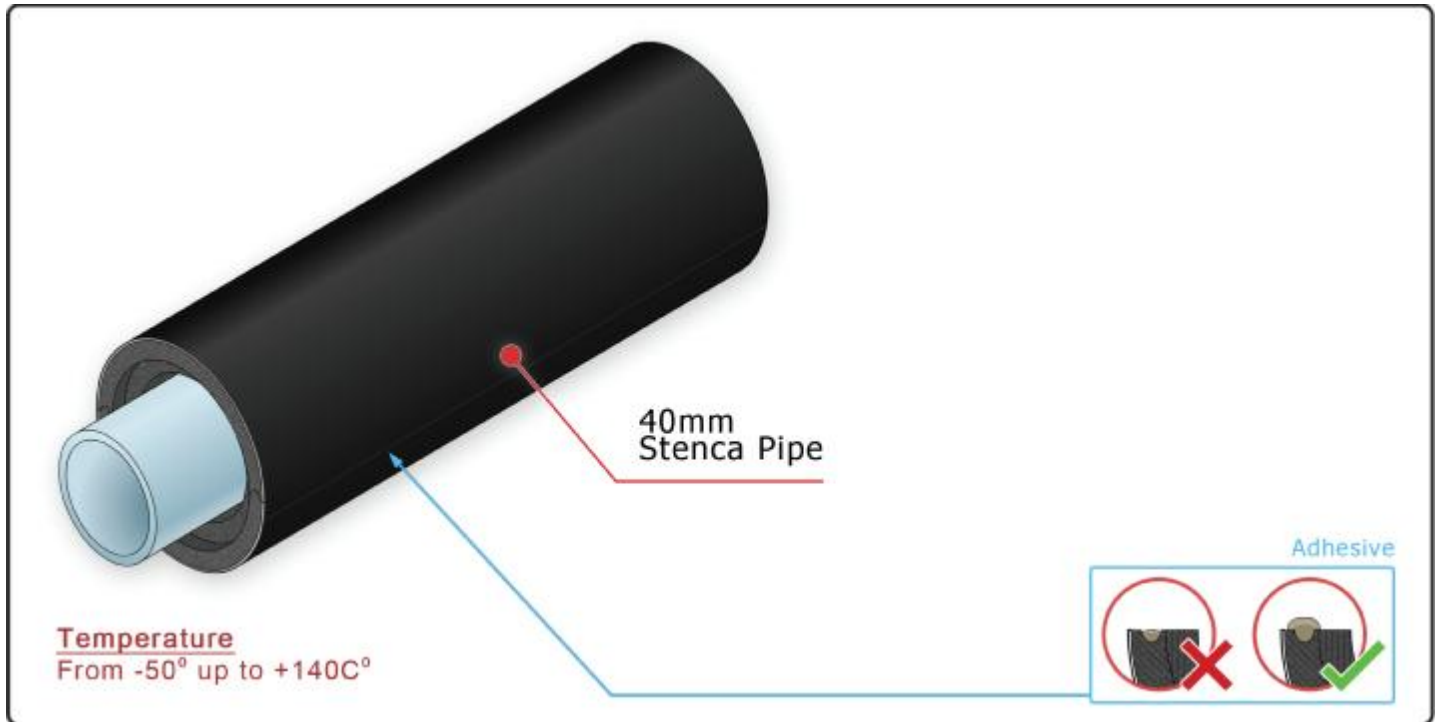
NORSOK CLASS 8 V.1 / Acoustic insulation

Reduction of noise in the area 500-2000 Hz by 30 dB.



NORSOK CLASS 9 / External condensation and icing protection

The purpose is to prevent condensation on piping and equipment with operation temperatures below ambient temperatures.



Weather exposed area insulation box / Weather protected area insulation jacket

