

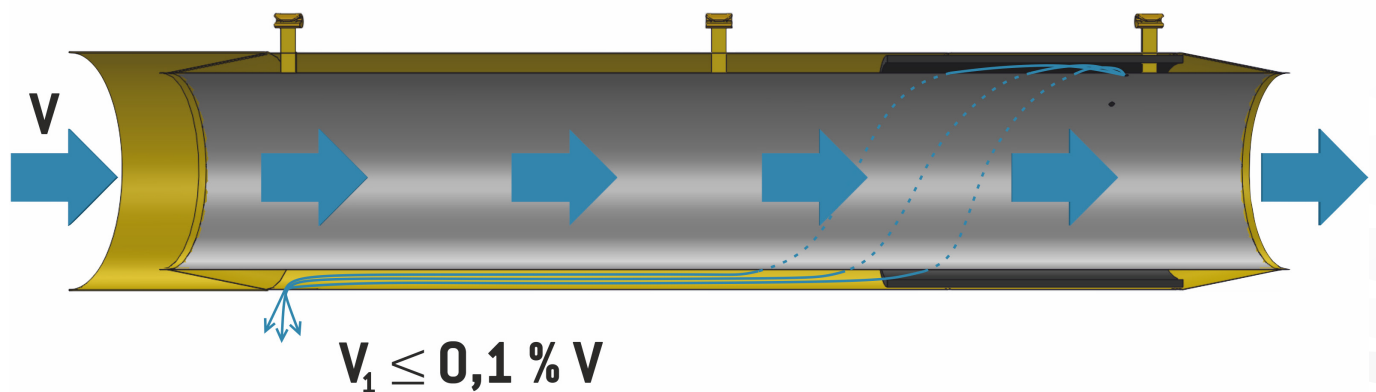


Technical solutions - Double ducting

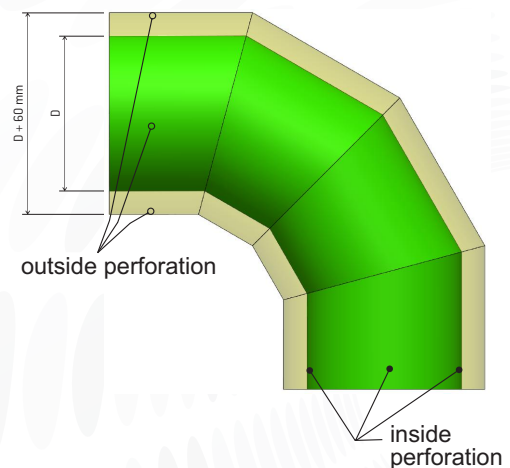
PROBLEM: Condensation, Loss of heating/cooling capacity

SOLUTION: Double ducting

Basic characteristic



Condensation is mostly prevented by the use of double ducting. The interlayer is maintained in the correct position by a negligible flow of air (about 0,1 % of the ducting flow). This small amount of air flows through outlets on inner fabric layer into interlayer, circulating and leaving through outlets on outer layer.

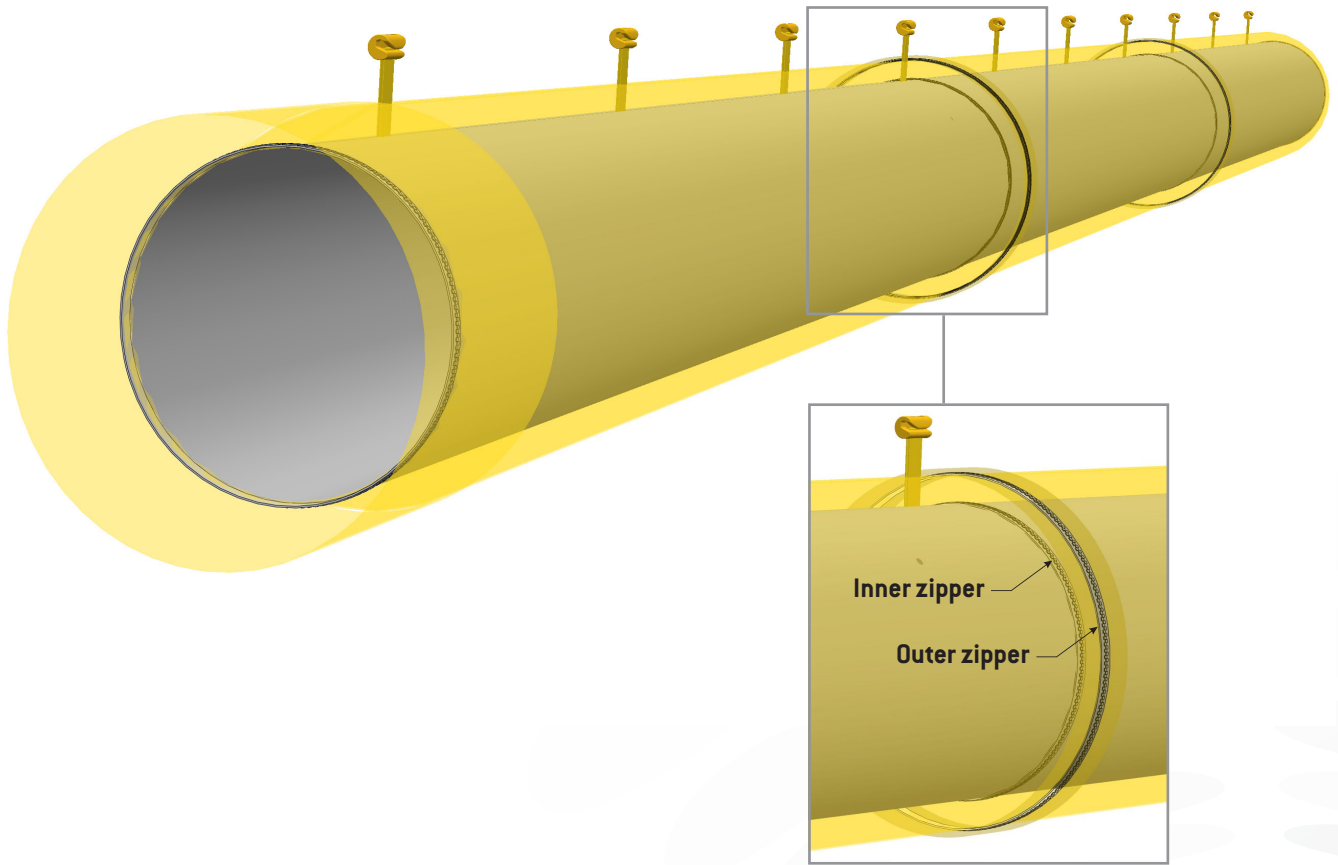


Key Benefits against insulated duct

- Lower weight and volume: Easy to pack, transport and install
- Lower costs: No insulation needed

Technical specification

- Non - permeable fabric (NMS/NMI)
- Available for $\varnothing 200 - \varnothing 1500$ mm
- Length of section: 5 m
- The heat transfer coefficient reaches up to $3,5 \text{ W/m}^2/\text{K}$.



Application example - office with a warehouse

- Warehouse: Air is transported by double ducting through warehouse area
- Air-conditioned office: Air is distributed inside office through outlets on a regular fabric diffuser

