



# Lindab **Isol**

Mounting instruction

# Isol

## Storage

Store ducts and fittings in a well-ordered and weatherproof storage area to minimize the risk of damage. Do not use ducts and fittings that have been damaged in such a way that they jeopardize the air tightness or structural strength of the system.

## Mounting

Remove the tape that keeps the insulation in place.

1. Insert the fitting's turned over edge into the ducts.
2. Check that the gasket's first lip is in contact with the duct's edge all the way around and points straight out so that the lip is not twisted in any direction.
3. Ensure that the outer casings fits into each other all the way around.
4. Push the rest of the fitting into the duct until it stops or the end of the ducts hits the stop bead or the fold. Twisting the fitting slightly aids insertion.
- 5a. Secure the fitting in the duct using self-tapping screws or airtight blind rivets.  
NOTE ! Use only the types allowed by Lindab when going for tightness class C or D.
- 5b. Fasteners should be positioned 10-15 mm from the end of the duct.
- 5c. Always position fasteners at the present largest radial gap between fitting and duct. Be sure to achieve an even distribution around the circumference.

Ducts are preferably cut with angle grinder. Remove burrs that could damage the lips of the gasket and to make the insertion easier. Also cut away the two needles crated from the fold.

When mounting vertically, make sure that the inner ducts doesn't fall out.

## Outdoor installation

When installation is done outdoors, it is important to have a diffusion-proof outer sheath to prevent damage to the insulation and deteriorated ability to isolate. For this reason, use the special sealing clamp SVK or MFK, which gives good mechanical strength and good sealing at the joints. The sealing material consists of long-life EPDM rubber. Self-vulcanized tape or appropriate mastic can also be used.

When mounting vertically outdoor, the opening of the fold must be turned down.

## Duct fixing

The ISOL-system is normally mounted on straps, in the same way as other duct systems, see separate folder "Recommendations Suspension of ventilation systems".

