

# Systemair ISO+ duct system

A perfect combination of thermal and acoustic insulation



## Systemair ISO+ duct

Systemair ISO+ duct is a range of insulated ducts and sheets. Perfect for installing a residential ventilation system.

The special composition of the ducts provides both thermal and acoustic isolation. Preferably, this duct is a connection between the unit and the outer wall (fresh and exhaust air) and for the pipes used in unheated areas.

## Material properties

The outer shell is made of high density polyethylene (HDPE) and the inner shell of polyolefin with closed cell structure. The cuffs are made of EPDM rubber.

- **Nominal diameter:** Ø 160 mm or 200 mm outside; Ø 125 mm or 170 mm inside
- **Thermal conductivity:** 0,040 W/mK at 40 °C
- **Fire protection class:** outer shell B2, inner duct B1

## Benefits

- **Sound-absorbing:** excellent sound properties by the combination of a ribbed hard outer shell with trapped air chambers and a foam insulation on the inside.
- **Solide:** due to the robust PE outer shell sagging of the duct is considerably reduced
- **Easy to handle:** two nominal sizes DN 125 mm and DN 180 mm, with transitions to spiral seam
- **The connection cuffs** are flexible and compensate tension of the duct. The cuffs are a solid and secure connection.
- The entire **product line** is fully recyclable and there is no waste during production



Item No.	Name	Description
314877	ISO+ B45/160-125	ISO+ bend 45°, DN 160-125
314878	ISO+ B45/200-180	ISO+ bend 45°, DN 200-180
314879	ISO+ B90/160-125	ISO+ bend 90°, DN 160-125
314880	ISO+ B90/200-180	ISO+ bend 90°, DN 200-180
314881	ISO+ C160-160	ISO+ connector DN 160-160, made of EPDM
314882	ISO+ C200-200	ISO+ connector DN 200-200, made of EPDM
314883	ISO+ R160-125	ISO+ transition to Spiro DN 160-125, made of EPDM
314884	ISO+ R160-125	ISO+ transition to Spiro DN 160-125, asymmetric, made of EPDM
314885	ISO+ R200-160	ISO+ transition to Spiro DN 200-160, made of EPDM
314886	ISO+ R200-180	ISO+ transition to Spiro DN 200-180, made of EPDM
314887	ISO+ D160-125	ISO+ duct DN 160-125, 2 m length
314888	ISO+ D200-180	ISO+ duct DN 200-180, 2 m length