

## HEKAHERM-LT

### Air Duct

**Flexible PE pipes for air ventilation  
in buildings**



#### Application

HEKATHERM-LT pipes are used for air distribution and have been particularly designed for ventilation systems inside buildings. They are suitable for installation in insulating layers, concrete layers of ceilings or floor finish layers of adequate thickness as well as in hanging casings.

It is imperative that the pipe line is professionally secured against movement during construction work. Adequate load-bearing capacity of the remaining cover has to be ensured.

The HEKATHERM-LT system is compatible with the range of wound/folded products. Connection is possible either directly or by means of special adaptors. It is important that a seal be used with each connection.

#### Type of pipe

Twin wall pipe with smooth inner and corrugated outer wall (outer wall reinforced by corrugations)

#### Material

Polyethylene PE, virgin material free from any recycled materials

#### Pollutants/ Resistance

The material used is high-quality virgin material (no reclaimed or recycling materials included).

PE is classified as harmless substance in terms of health. According to the 1999/45/EG regulation, it is toxicologically safe.

#### Colour

Corrugated outer pipe: blue

For colouring, masterbatches, exclusively on PE basis, are used.

Smooth inner pipe: neutral

No colour masterbatches are used.

#### Temperature resistance

Admissible temperature range (without mechanical loads):

short-term: from -25°C to +90°C

permanent: from -25°C to +60°C

#### Quality

Quality control according to QM manual

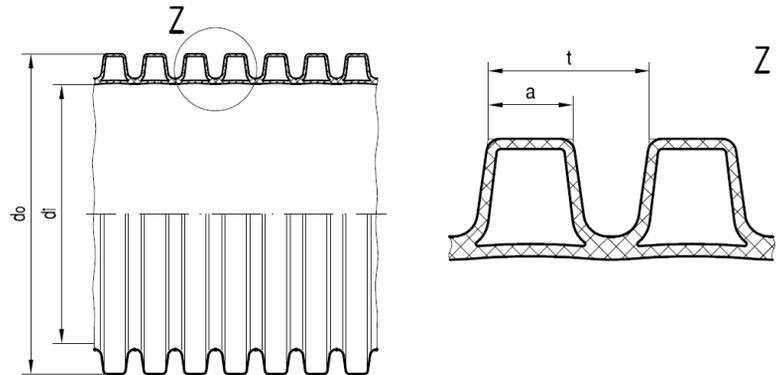


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Product geometry/

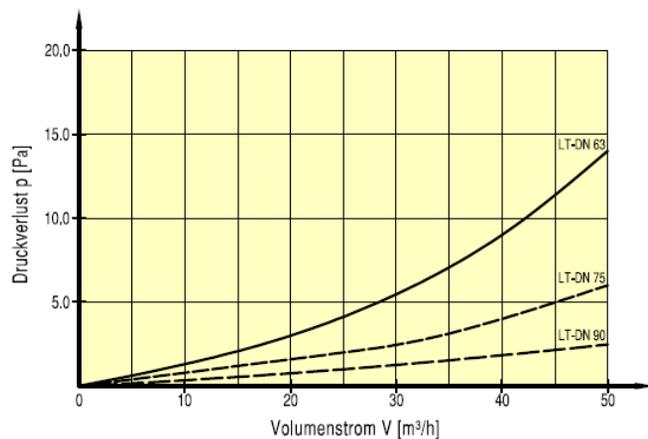
Ring stiffness



DN	do (mm)	di (mm)	a (mm)	t (mm)	STIS (kN/m <sup>2</sup> ) DIN EN 9969
63	≈ 64	≈ 52	≈ 4.3	≈ 7.8	≥ 8
75	≈ 76	≈ 63	≈ 5.5	≈ 9.9	≥ 8
90	≈ 91	≈ 77	≈ 5.4	≈ 9.4	≥ 8

Pressure loss

Fig. Pressure Loss Graph HEKATHERM-LT DN 63 / DN 75 / DN 90



Pipe length

Flexible, in rolls of 50m  
Pipe ends are closed by caps to avoid pollution.

Storage

UV stabilized – Outdoor storage up to 6 months possible.  
It is recommended that the storing place be roofed or covered.