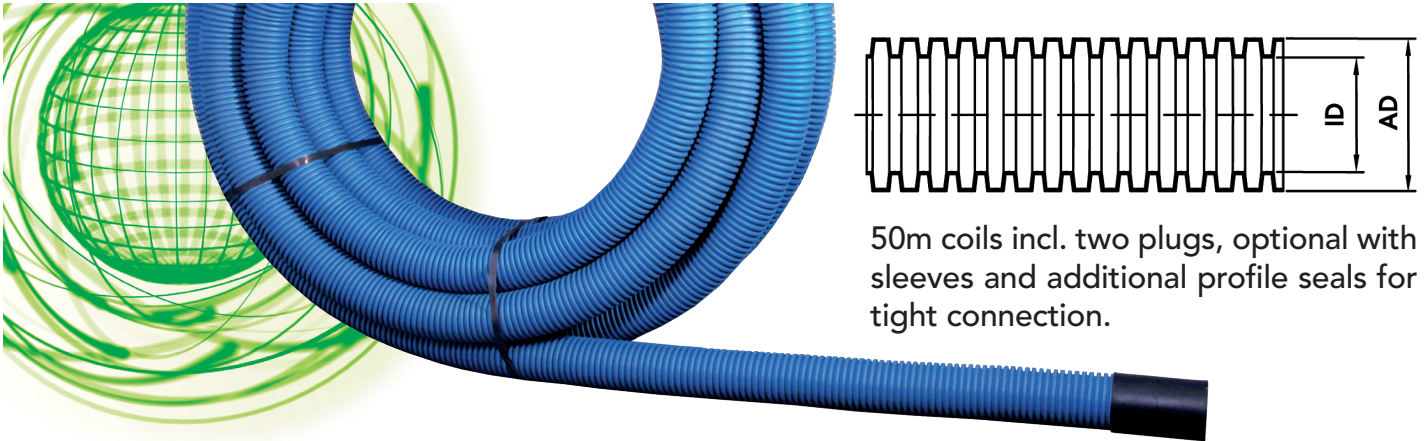


## DuoTecAir

Flexible twin wall plastic ventilation pipe according to DIN EN 50086-24



50m coils incl. two plugs, optional with sleeves and additional profile seals for tight connection.

### Application

Ventilation pipe used both as supply and exhaust pipe in premises featured with a central ventilation system.

### Material:

The used raw material is a ecofriendly polyethylene (PE), without additives.

### Chemical resistance:

PE is resistant against nearly every medium (alcohol, fat, mineral oil, motor fuel). Only concentrated and strong oxidising acids can affect PE.

| Physical properties                  |                  |                   |
|--------------------------------------|------------------|-------------------|
| Raw material                         |                  | PE                |
| Elastic modulus [MPa]                | DIN ISO 527-1/-2 | >1.200            |
| Impact strength [kJ/m <sup>2</sup> ] | DIN ISO 179-1eU  | NB                |
| Tensile strength [MPa]               | DIN ISO 527-1/-2 | >28               |
| Elongation at break [%]              | DIN ISO 527-1/-2 | >50               |
| Volume resistivity [ $\Omega$ cm]    | DIN IEC 60093    | <10 <sup>16</sup> |
| Surface resistivity [ $\Omega$ ]     | DIN IEC 60093    | <10 <sup>13</sup> |

### Standards/Classification:

Pipes with the below diameters meet the demands of DIN EN 50086-24.

Compressive strength force 450N

| Art.-No.  | Diameter [mm] | Outer $\varnothing$ [mm] | Inner $\varnothing$ [mm] | Packaging Unit [m] | Bending radius [mm] |
|-----------|---------------|--------------------------|--------------------------|--------------------|---------------------|
| L42050050 | 50            | 50                       | 41                       | 50                 | 350                 |
| L42063050 | 63            | 63                       | 52                       | 50                 | 350                 |
| L42075050 | 75            | 75                       | 61                       | 50                 | 350                 |
| L42090050 | 90            | 90                       | 75                       | 50                 | 400                 |
| L42110050 | 110           | 110                      | 94                       | 50                 | 400                 |
| L42125050 | 125           | 125                      | 105                      | 50                 | 500                 |
| L42160050 | 160           | 160                      | 135                      | 50                 | 650                 |
| L42200025 | 200           | 200                      | 170                      | 25                 | 750                 |

Further packaging units and colours on request!  
Subject to modifications and amendments / March 2009

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DIN EN ISO 9001-2008  
DIN EN ISO 14001