



## ISOSLEEVE 25

THERMAL INSULATED DUCTING

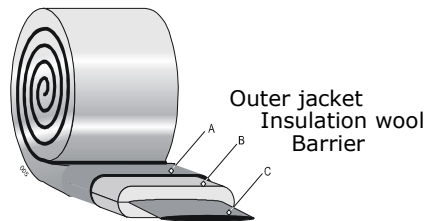
The **ISOSLEEVE 25** consists of an aluminium laminate outer jacket and provided with a glass wool insulation layer. The thermal insulation is suitable for preventing condensation and minimizing heat loss and loss of cold.

### APPLICATION

- Insulation in air supply systems
- Air conditioning systems
- Insulation of rainwater discharge
- Reducing of heat loss
- Preventing/discharging of condensation

### SPECIFICATIONS

|                          |                  |
|--------------------------|------------------|
| Article code:            | DHB{Ø}           |
| Temperature range:       | -30 °C to 140 °C |
| Operating pressure:      | up to +2000 Pa   |
| Operating air velocity:  | irrelevant       |
| Min. bending radius:     | /                |
| Standard diameter range: | 82 – 635 mm      |
| Standard length:         | 10 mtr           |



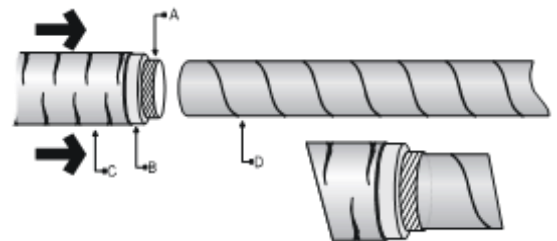
### CONSTRUCTION

|                     |   |
|---------------------|---|
| Barrier             | polyester film                            |
| Glass wool blanket: | 25mm, 16kg/m <sup>3</sup>                 |
| Outer jacket:       | Alu/poly laminate                         |
| R-value glass wool: | 0.65 m <sup>2</sup> K/W<br>(ASTM C177-76) |
| Appearance:         | Aluminium                                 |

#### Barrier:

The ISOSLEEVE 25 has standard a barrier. The barrier simplifies the mounting, so that the installer will not have unnecessary contact with the glass wool. Fix the Barrier with tape to the spiral duct and pull-out the barrier at the other side, while second installer guides and holds the outer jacket and insulation wool. (Installation video available)

- A. Barrier
- B. Insulation wool
- C. Outer Jacket
- D. Spiral channel



### CLASSIFICATIONS

|                  |                  |
|------------------|------------------|
| EU (EN 13501-1): | B-s1,d0          |
| FR (NF):         | M1               |
| BS476            | Part 6+7 Class 0 |

Marine certified MED



**Regulation or protocol**  
French VOC Regulation

**Conclusion**



**Version of regulation or protocol**  
Regulation of March and May 2011  
(DEVL1101903D and DEVL1104875A)

The **ISOSLEEVE 25** is also available, on request, with a 50 mm glass wool layer, the article number is: DHB50{Ø}  
R-value glass wool: 1.3 (50 mm) m<sup>2</sup> K/W (ASTM C177-76).

### Reach/RoHs Compliant

Directive 2011/65/EU RoHS  
Phthalates according to 1907/2006/EC REACH  
Test result: Pass - The test items meets the requirements of the test specification



#### LIABILITY:

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#### PLEASE NOTICE:

The consultant is responsible for the actual installation and mounting of the product. The mentioned values with respect to temperatures are not appropriate to be used to determine the physical properties. These properties are also dependent on humidity and the temperature of the air inside and outside of the H.V.A.C. system.

#### TRADEMARKS:

ISODEC, the DEC logo and DEC International are trademarks, or registered trademarks of Dutch Environment Corporation BV in the Netherlands and/or other countries.

#### RESTRICTIONS:

The ISODEC ducts are not suitable for discharging combustion products from open fireplaces and oil-fired boilers. Neither are the ducts suitable for transporting air with a high concentration of acid and base.

