



## WRAPDEC

THERMAL INSULATED DUCTING

### EXIST OUT OF AN ASSORTMENT OF PRE-SHAPED INSULATED DUCTWRAP – FORMS: TO INSULATE ROUND AND OR RECTANGULAR DUCTS AND OR FITTINGS USED IN THE VENTILATION, AIR- CONDITIONING AND COOLING MARK

Enjoying the easiness & convenience of the non-irritating DEC® - softtouch:  
"Innovative DEC® Ductwrap" existing out of average 65% recycled A1 Classified insulation material

#### APPLICATION

- For preventing condensation and reducing energy loss in heat or cold applications.
- Air supply systems
- Air conditioning systems
- Reducing of heat loss
- Preventing/discharging of condensation

#### SPECIFICATIONS

Article code:	DHB50M***{Ø}
Temperature range:	-30 °C to 110 °C
Operating pressure:	irrelevant
Operating air velocity:	irrelevant

#### CONSTRUCTION

Glass wool blanket:	50mm, 16kg/m³
Outer jacket:	Alu/HDPE laminate
R-value Wrapdec:	1.73 K m²/W
Appearance:	Aluminium

#### FEATURES:

Unique solution  
Available with 25mm, 50mm insulation  
Other insulation materials and thicknesses on request  
To avoid cold bridge and condensation  
Acoustical sound absorption  
Easy to install  
Non irritating  
Time & energy saving  
Durable  
Excellent appearance with low effort  
Ecologic, non toxic, no odor  
100% recyclable



#### WHAT IS CONDENSATION?

Condensation is when water vapours make contact with a cold surface and form into liquid, the opposite of evaporation.  
Condensation is a serious problem which affects millions of households in the UK.

- Condensation can cause mould and damp, which could lead to serious health risks and affect general wellbeing; asthma, bronchitis and various other respiratory problems
- Can cause wallpaper to peel
- Can contribute to severe structural damage (wood rot & damp)

#### How do I prevent condensation?

Condensation and damp can be reduced and controlled if you change the habits implemented within your home.

- Washed clothes should be dried outdoors
- Keep doors to bathrooms shut to avoid moisture getting to other parts of the house
- When cooking, cover pots and pans
- Ensure adequate mechanical ventilation (extractor fans)
- Tumble driers should be vented to the atmosphere

#### How would insulated ducting protect my home?

Ducting in most cases is located within cold, unheated areas of the home, and in most cases not insulated!

#### LIABILITY:

The information contained in this brochure was current on the publication date. DEC INTERNATIONAL reserves the right to make changes in details at any time without prior notice. In order to avoid misunderstandings, any interested party is advised to contact DEC INTERNATIONAL checking for any changes in materials and/or information after this brochure was published.

#### 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.

