



## Product

- HPHOSE500 - 2 pack 500mm pre insulated hoses 1" female swivel x 28mm
- HPHOSE500B - 2 pack 500mm pre insulated hoses 1" female swivel bent x 28mm
- HPHOSE50035 - 2 pack 500mm pre insulated hoses 1 1/4" female swivel x 35mm
- HPHOSE50035B - 2 pack 500mm pre insulated hoses 1 1/4" female swivel bent x 35mm
- HPHOSE750 - 2 pack 750mm pre insulated hoses 1" female swivel x 28mm
- HPHOSE750B - 2 pack 750mm pre insulated hoses 1" female swivel bent x 28mm
- HPHOSE75035 - 2 pack 750mm pre insulated hoses 1 1/4" female swivel x 35mm
- HPHOSE75035B - 2 pack 750mm pre insulated hoses 1 1/4" female swivel bent x 35mm

## Technical Specification

### Hose

Max Inlet Pressure (static): 10 Bar  
 Max Inlet Temperature: 90°C  
 Medium: Water, Water+Glycol up to 50%

### Insulation

Wall Thickness: 19mm +0/-3mm  
 Material: Treated Closed Cell Polyethylene  
 Temperature Range: -45°C to 105°C  
 Thermal Conductivity:  $\lambda = 0.034 \text{ W/mk at } 0^\circ\text{C}$



The insulation is strictly for external use only!

## Introduction

Building regulations Part L states that all external pipework on an Air Source Heat Pump System must be fully insulated to reduce heat loss and maintain system efficiency.

In systems where every watt counts, Inta's Pre-insulated hoses have been designed for external use to prevent heat losses and to help maintain the COP and SCOP of the system, preventing losses of energy, contributing to an efficient system and preventing higher costs to run than expected.

The waterproof finish prevents the insulation from absorbing water and moisture that could result in an unintended outcome of the insulation becoming a conductor for heat loss.

It's essential that all joints are bonded and sealed correctly to prevent any capillary traction occurring. The surface finish must be re-treated, the joints and seals inspected and resealed if necessary using Primary Pro Bond / Seal during an annual inspection to maintain the product performance.

## Additional Information

Pre-insulated to reduce system heat loss preserving system efficiency

Designed to connect directly to the heat pump

Available with a straight or bent heat pump connection to suit a variety of units and installations

Supplied in pairs to suit the flow and return of your heat pump

Additional piece of insulation provided to insulate the connections

Full range of ASHP control valves including magnetic filters, anti-freeze valves, balancing valves etc available.

The Primary Pro insulation is waterproof and UV resistant making it suitable for all weather conditions. Must be inspected annually and retreated, with joints resealed if necessary using Primary Pro Bond & Seal

For more info please scan:



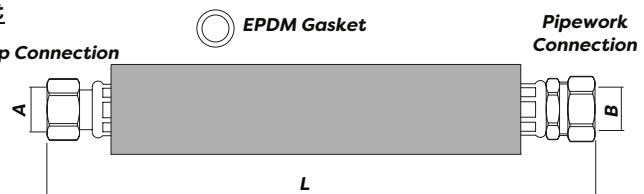
Please scan for our full range of heat pump products:



Code	A	B	L
HPHOSE500	1"	28mm	500mm
HPHOSE500B	1"	28mm	500mm
HPHOSE50035	1 1/4"	35mm	500mm
HPHOSE50035B	1 1/4"	35mm	500mm
HPHOSE750	1"	28mm	750mm
HPHOSE750B	1"	28mm	750mm
HPHOSE75035	1 1/4"	35mm	750mm
HPHOSE75035B	1 1/4"	35mm	750mm

### Straight

Heat Pump Connection



### Bent

