



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

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
 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

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

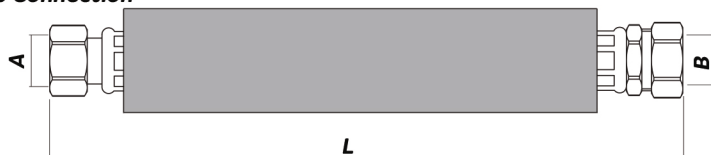
Straight

Heat Pump Connection



EPDM Gasket

Pipework Connection



Bent

