

AGC Thermal Wrap



Quick install thermal insulation for **Flexible Liner** or **Single Wall Rigid Flue** predominantly used where a wide or very wide chimney shaft is being lined or relined.

Instead of pouring many bags of vermiculite insulation around the flue, AGC Wrap slides over the flue immediately insulating the pipe.



EURO SAVINGS: UP TO €165

When 150mm diameter flexible flue liner is installed in a 9m long square chimney shaft measuring 45cm x 45cm, an installer will use up to 17 bags of vermiculite in comparison to 9m of AGC Wrap resulting in savings of approx. €165 for the installer.

TECHNICAL

Type "E" Fibreglass insulation, mechanically needled without any binding resins with a thin external covering of flexible reinforced aluminium. Density of 120kg / m³. Suitable for insulating non-pressurized flue systems **N1** and pressurized flue systems **P1**.

DIAMETERS AVAILABLE

132mm or 5" and 162mm or 6" internal Ø.

LENGTH

950mm

PACKAGING

Because of its flexibility AGC Wrap is stored flat. There are 7 x 950mm lengths of 132mm Ø in a box and 6 x 950mm lengths of 162mm Ø inside a box.

WALL THICKNESS

20mm

TEMPERATURE RATING

Up to 600°C

PERMITTED FUELS

Solid Fuel, Oil and Gas.



SHL Distributors Ltd, DAOL Business Centre, Tramore Road, Cork City, T12 HH31, Rep. of Ireland

TO ORDER: EMAIL orders@chimneychoice.ie PHONE 021 431 0999 FAX 021 431 0880

Temperature tests using AGC wrap and 316 stainless steel single wall flue

THERMAL TEST T200

Flue gas test temperature during the test: 250°C
Maximum temperature on outside surface of AGC Wrap = 77 °C

THERMAL TEST T600

Flue gas test temperature during the test: 700 °C
Maximum temperature on outside surface of AGC Wrap = 227°C
*After T600 test AGC Wrap became fully rigid.

SOOT FIRE TEST

Flue gas test temperature during the test: 1000°C
Maximum temperature on outside surface of AGC Wrap = 308°C

PRODUCT DESIGNATION

EN1856-1 T600 N1 W V2 L500XX GXXX
EN1856-1 T200 P1 W V2 L500XX OXXX

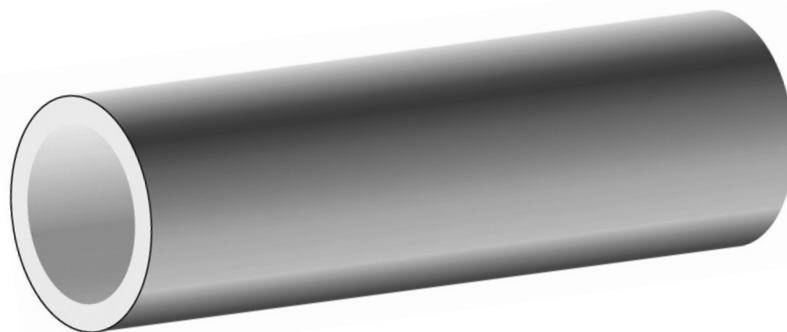
CERTIFICATE NUMBER

0036 CPD 9811 016
Produced under factory production control in the EU.

THERMAL CONDUCTIVITY

0,0432 W / mK at 100 °C
0,0556 W / mK at 200 °C
0,0713 W / mK at 300 °C
0,0902 W / mK at 400 °C

Thermal conductivity is the rate at which heat passes through a material, measured in watts per m² of surface area for a temperature gradient of one Kelvin for every metre thickness.



WARNING

When using this product, the installer must not disregard the minimum distance to combustible materials that is specified by the manufacturer of the flue / pipe that AGC Wrap is used to insulate.
All local building regulations must be adhered to when installing the product.



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