

## Instructions on processing **Pipe Insulating Composite**

The pipe insulating composite has been specially developed to be able to install a highly efficient insulation as quickly and easily as possible. The product is made of high temperature resistant textile glass fibres, which, combined with a reflective metal foil, results in a flexible tape. This is required in order to ensure a good fit especially on pipe bends.

The pipe insulating composite is used in layers according to the prevailing application temperature. For example, three layers are sufficient for the most diesel exhaust systems. The pipe insulating composite consists of two components: an internal, insulating and reflective layer and an outer protective layer (self-vulcanizing elastomer).

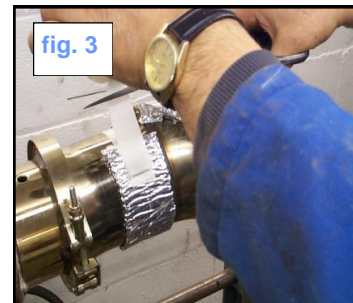
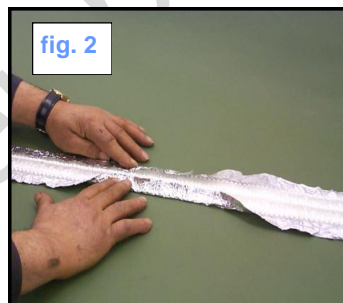
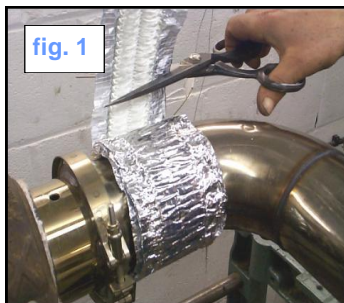


pipe insulating composite



pipe before installation

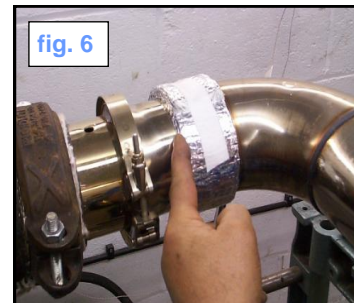
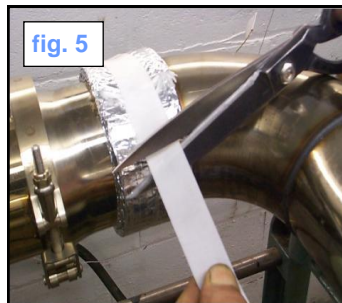
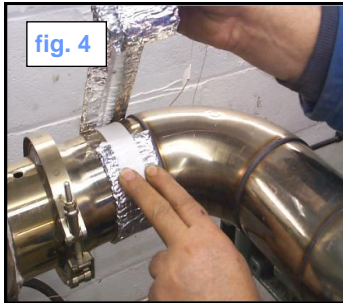
No special tools are needed for the installation: just a measuring tape, a ruler and a scissors.



### step 1

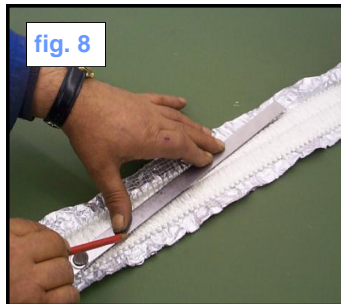
The pipe should be as clean and dry as possible, furthermore free from oil and dust. Where a distinct end edge is required, the strip is placed around the pipe in the needed insulation thickness (normally three layers) and then cut off with a scissors **fig. 1**. Afterwards, the strip is unwind again and the foil is creased inwards **fig. 2**. The strip is fixed to the pipe to be insulated, as shown in **fig. 3**.

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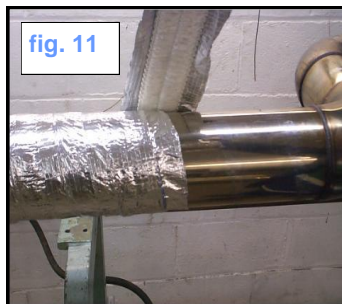
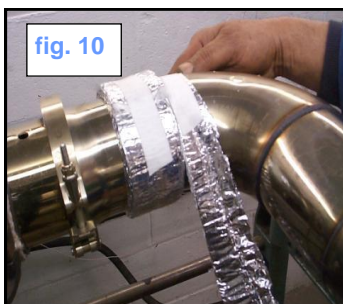
### step 2

The strip is wrapped tightly around the pipe **fig. 4**. Also the end is fixed again **fig. 5** and the correct fit checked **fig. 6**.



### step 3

The circumference of the exhaust pipe to be insulated is measured **fig. 7**. The determined circumference shall be marked on the pipe insulating strip (without consideration of the aluminium foil) lengthwise at an angle, as shown in **fig. 8**. Afterwards, the strip is cut off at the marking with the scissors **fig. 9**.



### step 4

The trimmed strip is now spirally wrapped around the pipe, **fig. 10**, it must ensure, that the foil overlaps in each case. The insulating strip itself should be installed layer to layer, **fig. 11**. The end of the strip is to be fixed again. The next layers should be wrapped in the opposite direction, as shown in **fig. 12**.

The technical data (average values) as well as material information are based on our present knowledge and experiences. They free the user because of the fullness of possible influences by the application of our products, however, not from own tests and attempts in the approach of the real application. Because of the peculiarities of every individual case we can take over no liability for our indications. On request we are available gladly with information.