

TECHNICAL DATA SHEET – CUTTING FILAMENT

BODYKNIFE

The BODYKNIFE can cut thick car body protection films as well as PET solar protection films, from simple up to very complex shapes and contours.

Cutting tool composed of:

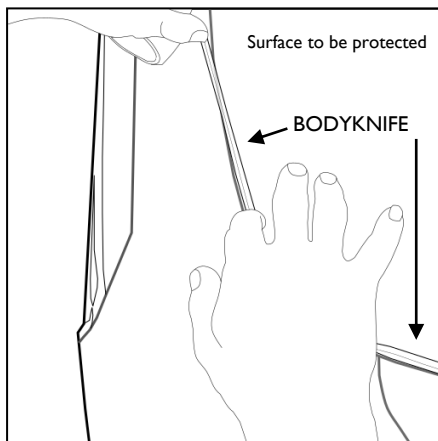
- a metallic filament embedded between 2 clear colourless tapes, one side being adhesive-coated;
- a masking tape allowing sharp cuts of protection films applied via wet application method.

PRODUCT FEATURES:

Average values

- Width (mm): 5

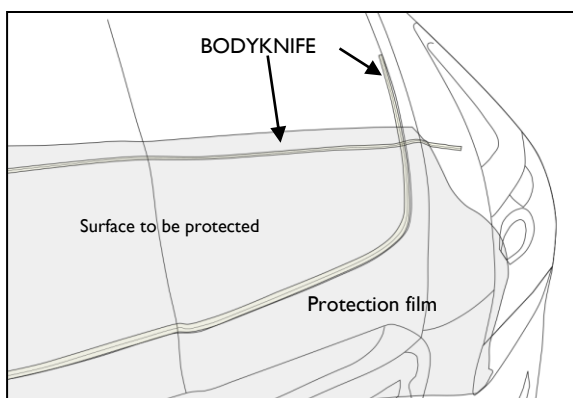
USER'S INSTRUCTIONS:



- Lay the cutting filament on the clean and dry substrate surface in order to describe the path you want to cut (by carrying out the desired shape).

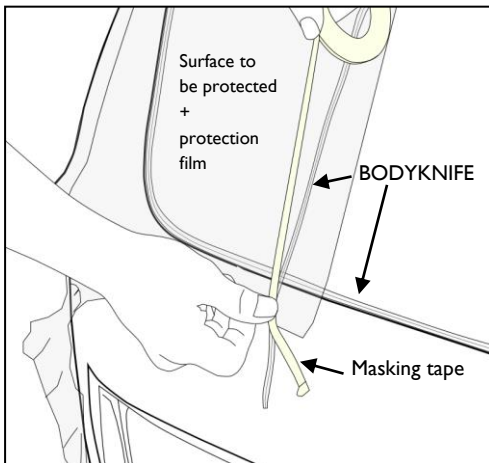
Make sure you keep an overlap of some 15 cm (5.91 in.) beyond the edge of the surface to be covered in order to easily grip the filament.

- Cutting the BODYKNIFE (without using cutting tools): Hold the filament with the thumb and press it on the substrate, at the desired cutting area, then sharply pull on the roll in order to cut the filament.

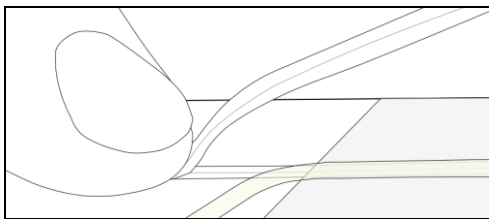


- Apply the protection film to the substrate, following the adequate installation method (please refer to the documentation specific to the applied films), leaving an additional material overhang beyond the cutting filament and making sure to prevent covering the filament segment that serves for gripping.

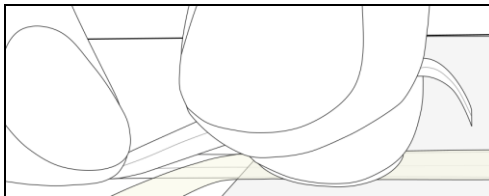
- Thoroughly wipe the surface of the protection film.



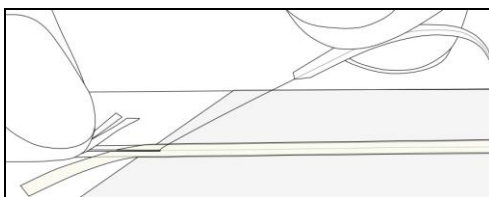
- Apply the masking tape + cutting filament to the protection film following the path you want to cut.



- To carry out the cutting of the film, fold back approximately 10 cm (3.94 in.) of the BODYKNIFE (free end) over the protection film and put a finger on the fold.



- Sharply pull on the free end to release the cutting filament.



- Then, carefully and continuously, pull on the filament until completion of the film cutting.

- Remove the excess car body protection film + residual tapes of the BODYKNIFE right after cutting while generously moistening the performed cutting.
- To finish, firmly re-squeegee the protection film edges.
- Operating temperature range: max. of +100 °C (+212 °F)
- **Handle with care: risk of serious injury if BODYKNIFE is wound around the finger or hand when starting the cutting procedure, and during cutting as well.**

STORAGE:

- Shelf life (before application):

The shelf life of this film is 1 year if it is stored in its unopened original packaging, at a temperature of 21 °C (70 °F), with relative humidity of 50 %.

NOTES:

Because of the great variety of substrates and the growing number of new applications, the installer must check the suitability of the media for each application.

The measuring methods for the standards quoted above served as basis for the development of our own measuring methods which are available on request. Please feel free to contact us to get the latest instructions in use.

All information released originates from laboratory measurements on a regular basis. However, it does not constitute a binding warranty. The seller is not held accountable for indirectly related damages beyond the replacement value of the purchased product. All specifications are subject to potential changes without prior notice. Updates of our specifications are automatically available on our website at www.hexis-graphics.com.