



TECHNICAL DATA SHEET - DOUBLE-SIDED TECHNICAL TAPE

TT21516

1-mm, double-sided technical tape, which is composed of an anthracite grey polyethylene foam and coated on both sides with a permanent, pressure-sensitive, acrylic adhesive. Intended for permanent bonding to various substrates, in particular low energy surfaces (such as polyethylene, polypropylene, etc.). In certain cases, it may replace mechanical fastening (welding, rivets, glue, etc.). Indoor or outdoor application.

PRODUCT FEATURES:

	<u>Average values</u>
• Thickness of the polyethylene foam (mm):	1
• Density of the polyethylene foam (kg/m ³):	100

LINER:

- Low density PE liner (LDPE).

ADHESIVE PROPERTIES:

	<u>Average values</u>
• Adhesion (N/25 mm):	29

ADHESIVE:

- Pressure-sensitive, transparent, acrylic adhesive.
- Resistance to solvents: the adhesive is resistant to most chemicals (alcohol, diluted acids, oils).

USER'S INSTRUCTIONS:

- Recommended minimum application temperature: +15 °C to +25 °C (+59 °F to +77 °F).

The minimum temperature must comply with both in terms of ambient and substrate temperature. A lower application temperature does not guarantee that there is enough adhesion strength of the double-sided adhesive to the substrate.

- Range of film operating temperatures: -20 °C to +100 °C (-4 °F to 212 °F).
- During application, apply the maximum pressure in order to ensure optimal adhesion.
- Permanent adhesion, optimal after 24 hours of contact at 23 °C (73 °F).

OPERATING RECOMMENDATIONS:

- For more information on the application method of double-sided tapes, please refer to the Application Guide available on the "Professionals" pages, category "Specialities" on our site www.hexis-graphics.com.
- In the case of already painted substrate, self-adhesive media must only be applied to undamaged original paintwork. If the paintwork is not original and/or damaged, the application and the removal are at the judgement and risk of the installer.

STORAGE:

- Shelf life (before application):

The shelf life of this film is 1 year when stored unopened in its original packaging at a temperature ranging from 10 °C to 30 °C (+50 °F to +86 °F) with relative humidity of 50 %.

NOTES:

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

All the published information is based on measurements regularly performed in the laboratory. It does not however constitute a binding guarantee. The seller cannot be held liable for indirectly related damages and assumes no liability for claims that are higher than the replacement value of the purchased product. All specifications are subject to potential changes without prior notice. Our specifications are automatically updated on our website www.hexis-graphics.com.