



## TECHNICAL DATA SHEET - DOUBLE-SIDED TECHNICAL TAPE TT21516

1-mm, double-sided, technical tape, which is composed of an anthracite grey polyethylene foam that is coated on both sides with a permanent, pressure-sensitive, acrylic adhesive. Intended for permanently fixing objects onto 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 value</u> |
|--|----------------------|
| • Thickness of the polyethylene foam (mm): | 1                    |

### **LINER:**

- Low-density PE liner (LDPE).

### **ADHESIVE PROPERTIES:**

- |                       | <u>Average value</u> |
|-----------------------|----------------------|
| • Adhesion (N/25 mm): | 25                   |

### **ADHESIVE:**

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

### **USER'S INSTRUCTIONS:**

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

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

- Range of operating temperatures: -40 °C to +120 °C (-40 °F to +248 °F).
- During application, apply 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](http://www.hexis-graphics.com).
- In the case of an 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 2 years 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 medium 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](http://www.hexis-graphics.com).