

tesa® 7316

Product Information

1600 µm double-sided acrylic core tape

Product Description

The tesa® 7316 is a white, high-performance acrylic core tape specifically engineered for permanent outdoor mounting of ACM panels in Visual Communication applications. When used in combination with the tesa® Adhesion Promoter Fast Cure, it ensures a durable and reliable bond—even under demanding environmental conditions.

Product Features

- In combination with our tesa® adhesion promoter Fast Cure 60153 creates a secure and reliable bond in outdoor conditions
- High bonding power and the ability to dissipate stress

Application Fields

Exemplary mounting applications include:

- ACM Panels mounting up to 9 meters height for Visual Communication
- Not intended for structural glazing or other building & construction applications

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

- | | | | |
|--------------------|----------------|-------------------|---------|
| • Backing | foamed acrylic | • Total thickness | 1600 µm |
| • Type of adhesive | pure acrylic | • Color | white |
| • Type of liner | PE | | |

Properties/Performance Values

- | | | | |
|-----------------------|---------|-------------------------------------|--------|
| • Elongation at break | 350 % | • Temperature resistance long term | 100 °C |
| • Tensile strength | 11 N/cm | • Temperature resistance short term | 200 °C |

Adhesion to Values

- | | | | |
|----------------------------|---------|------------------------|---------|
| • Aluminium (initial) | 20 N/cm | • PMMA (initial) | 20 N/cm |
| • Aluminium (after 3 days) | 25 N/cm | • PMMA (after 3 days) | 25 N/cm |
| • PC (initial) | 10 N/cm | • Steel (initial) | 20 N/cm |
| • PC (after 3 days) | 15 N/cm | • Steel (after 3 days) | 30 N/cm |

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Additional Information

The product is recommended for applications like ACM Panels mounting. For permanent outdoor applications it is recommended to be used in combination with the tesa® Adhesion Promoter Fast Cure.

Liner options:

- PV20: Green film liner - branded

Legal Notice

This Product:

(a) is sold by tesa Brasil in accordance with the specifications, conditions of use and guarantees referred to above;

(b) was designed and tested for use in the aforementioned specifications and conditions, and in case of use other than these, the user will assume all risk and responsibility arising therefrom, thus exempting and keeping tesa Brasil harmless, in compliance with Brazilian legislation relevant.

The specifications, recommendations and information contained in this document or made available by tesa Brasil in other ways are based on records, tests and experiences that tesa Brasil has carried out over a certain period of time and believes to be reliable, but their accuracy and applicability to each specific case are not can be guaranteed, notably considering that tesa Brasil will not be able to anticipate or control the factors related to the use of the product and its consequences, factors that are within the customer's sphere of activity and responsibility. Consequently:

(a) such specifications, recommendations and information are intended for persons who have the necessary and sufficient technical knowledge and skills to evaluate and apply their own judgment thereon;

(b) tesa Brasil cannot guarantee the performance of the product, as it does not control the way in which the customer applies and uses the product;

(c) it is recommended that the customer always carry out prior testing of the product in conditions similar to its final application, including testing it in critical and extreme conditions;

(d) without prejudice to other obligations and responsibilities established in this document, in related documents and in applicable legislation, the customer will be responsible exclusively for:

(i) assess whether the product is appropriate and suitable for the intended use, especially considering the risks involved in its use;

(ii) observe and comply with all applicable technical, compliance and safety standards;

(iii) responsibility for the application, use and conversion of the product;

(iv) responsibility for any and all risks, losses, damages, loss of profits, etc., arising from your choice to use the product and its application and/or conversion.

For latest information on this product please visit <http://l.tesa.com/?ip=7316>

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Additional Information

The customer, before any testing or use of the product, must always obtain the latest version of the product's technical data sheet. If you have any questions regarding the version, you should contact tesa Brasil (tesabrasil@tesa.com)

tesa Brasil does not assume any obligation, responsibility or guarantee that is not expressly assumed by it, in writing, or expressly established in Brazilian legislation.

Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=7316>