

tesa® ACXplus 7255 Multi Purpose (MP)



Product Information

1000 µm double-sided acrylic core tape

Product Description

tesa® ACX^{plus} 7255 MP is a transparent double-sided acrylic core tape. The visco-elastic acrylic core of tesa® ACX^{plus} 7255 MP absorbs and dissipates dynamic and static loads.

Product Features

- unique formulation
- this double-sided acrylic core tape is able to compensate for thermal elongations of bonded parts.
- PFAS/PFOS free product

Application Fields

- The tesa® ACX^{plus} MP product family is suitable for a wide range of multi-purpose bonding applications
- To ensure the highest performance possible, our aim is to fully understand the application (including the substrates involved) in order to provide the right product recommendation.
- The tesa® ACX^{plus} 725x series is especially suitable for bonding transparent and translucent materials such as glass or acrylic to receive an optical clear bonding.

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 | solid acrylic | • Total thickness | 1000 µm |
| • Type of adhesive | pure acrylic | • Color | transparent |

Properties/Performance Values

- | | | | |
|------------------------------------|--------|-------------------------------------|--------|
| • Temperature resistance long term | 100 °C | • Temperature resistance short term | 200 °C |
|------------------------------------|--------|-------------------------------------|--------|

Adhesion to Values

- | | | | |
|----------------------------|---------|-------------------------|---------|
| • ABS (initial) | 12 N/cm | • PP (after 14 days) | 3 N/cm |
| • ABS (after 14 days) | 15 N/cm | • Steel (initial) | 14 N/cm |
| • Aluminium (after 3 days) | 24 N/cm | • Steel (after 14 days) | 24 N/cm |
| • PP (initial) | 3 N/cm | • Steel (after 3 days) | 24 N/cm |

Additional Information

Please note that we recommend using tesa® Adhesion Promoter as a surface pre-treatment. It leads to a significant improvement in adhesion levels, avoids moisture infiltration, and promotes long-term resistance against harsh

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environmental factors. Which tesa® Adhesion Promoter should be used depends on the substrates and the application. We will be glad to advise you in order to find the right solution.

For permanent outdoor applications with load-bearing requirements, our first recommendation is tesa® ACX^{plus} 707x.

Liner versions:

- PV42: White paper liner - branded

Disclaimer

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



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