



# tesa HAF® 8471

## Product Information

Heat Activated Film Solutions for the Consumer Electronics Industry

### Product Description

tesa® HAF 8471 is a thermosetting film based on phenolic resin and nitrile rubber. This brown double-sided tape has no backing. It is protected by a strong paper liner.

tesa® HAF 8471 is halogen-free and compliant with current ROHS standards.

At room temperature tesa® HAF 8471 is not tacky. It is activated by heat and pressure during defined intervals.

tesa® HAF 8471 enables extremely strong and age-resistant bonds between different materials.

tesa® HAF 8471 features:

- Excellent conformability for flat and narrow substrate surfaces
- Produces extremely low oozing ratio
- Reliable and age-resistant bonds between plastic and metal surfaces, even on very small bonding areas
- Suitable for long-term applications that are exposed to heavy stress
- Bonds remain elastic

### Application Fields

tesa® HAF 8471 is especially recommended for bonding of metal components to various plastic or metal surfaces, e.g. SUS or AL to PMMA, PC or ABS:

- Bonding of metal logo to housing
- Constructive bonding inside handhelds

### 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          | none                            | • Total thickness | 30 µm             |
| • Type of adhesive | nitrile rubber / phenolic resin | • Color           | 1.2 mils<br>amber |
| • Type of liner    | glassine                        |                   |                   |

### Properties/Performance Values

- |                                    |                     |                               |                      |
|------------------------------------|---------------------|-------------------------------|----------------------|
| • Bonding strength (dynamic shear) | 7 N/mm <sup>2</sup> | • Bonding strength (push-out) | 11 N/mm <sup>2</sup> |
|------------------------------------|---------------------|-------------------------------|----------------------|

For latest information on this product please visit <http://l.tesa.com/?ip=08471>



# tesa HAF® 8471

## Product Information

### 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.



For latest information on this product please visit <http://l.tesa.com/?ip=08471>