

tesa® HAF 58499

200µm double sided black reactive structural bonding film.

Product Description

tesa HAF® 58499 is a reactive heat activated structural bonding film based on phenolic resin and nitrile rubber. This black double sided tape has a PET backing. It is protected by a strong paper liner. It is activated by heat and pressure applied during the assembly process.

Main features:

- Extremely high performance, even on small bonding areas and thin design gaps
- Reliable and ageing-resistant bonds
- Extremely low oozing ratio
- Very good dimension stability and easy die-cut handling
- PET backing provides barrier function in mesh bonding applications
- Suitable for long-term applications that are exposed to heavy stress
- Free of halogen and compliant with current ROHS standards.

Application Fields:

- tesa HAF® 58499 is especially recommended for bonding of metal components to metal surfaces or heat resistant plastics, e.g. SUS or AL to PI, PMMA or ABS:
- Constructive bonding inside electronic devices
- Speaker mesh bonding
- FPC bonding
- Button fixation
- Camera lens and bezel mounting
- Bonding of decorative metal components

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 material **PETP**

Color **black**

Total thickness **200 µm**

Type of adhesive type: **nitrile rubber / phenolic resin**

Type of liner type: **PE-coated paper**

Properties / Performance Values

Bonding strength **6 N/mm²**

