



# tesa<sup>®</sup> 4963

## Product Information



Double-sided transparent film tape

### Product Description

tesa<sup>®</sup> 4963 is a transparent double-sided self-adhesive tape, consisting of a PVC-carrier and a rubber adhesive mass system.

tesa<sup>®</sup> 4963 is largely resistant to plasticizers.

tesa<sup>®</sup> 4963 is also available in spools with an extended liner acting as "fingerlift" thus allowing easy removal of the liner.

### Application Fields

- permanent closure for paper and plastic bags
- self-adhesive mounting of decorative and packaging materials
- splicing of paper, plastic films and metal foils
- fixing of promotion material

### 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 | PVC film       | • Total thickness | 107 µm      |
| • Type of adhesive | natural rubber | • Color           | transparent |

### Properties/Performance Values

- |                          |           |                                     |        |
|--------------------------|-----------|-------------------------------------|--------|
| • Elongation at break    | 30 %      | • Softener resistance               | medium |
| • Tensile strength       | 50 N/cm   | • Static shear resistance at 40°C   | good   |
| • Ageing resistance (UV) | low       | • Tack                              | good   |
| • Chemical resistance    | low       | • Temperature resistance short term | 70 °C  |
| • Humidity resistance    | very good |                                     |        |

### Adhesion to Values

- |                             |          |                         |          |
|-----------------------------|----------|-------------------------|----------|
| • ABS (initial)             | 5.4 N/cm | • PET (after 14 days)   | 5.4 N/cm |
| • ABS (after 14 days)       | 6.2 N/cm | • PP (initial)          | 4.3 N/cm |
| • Aluminium (initial)       | 4 N/cm   | • PP (after 14 days)    | 6.6 N/cm |
| • Aluminium (after 14 days) | 5.2 N/cm | • PS (initial)          | 5.3 N/cm |
| • PC (initial)              | 6.2 N/cm | • PS (after 14 days)    | 6.6 N/cm |
| • PC (after 14 days)        | 6.6 N/cm | • PVC (initial)         | 5 N/cm   |
| • PE (initial)              | 3.8 N/cm | • PVC (after 14 days)   | 5.9 N/cm |
| • PE (after 14 days)        | 4.5 N/cm | • Steel (initial)       | 5.9 N/cm |
| • PET (initial)             | 5.2 N/cm | • Steel (after 14 days) | 6.1 N/cm |

For latest information on this product please visit <http://l.tesa.com/?ip=04963>



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### Additional Information

tesa<sup>®</sup> 4963 is also available with fingerlift (extended liner) for easy removal of liner.

Liner variants:

- PV0 brown creped PVC film
- PV1 brown glassine paper (71µm)

### Disclaimer

tesa<sup>®</sup> 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<sup>®</sup> 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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