

tesa 4962

Double-coated tape with high adhesive power

Product Description/ Application:

tesa 4962 is a double-sided tape equipped with non-woven backing and coated with an acrylic adhesive with very high tack and high shear resistance. The thick adhesive coating ensures an excellent bond even on rough surfaces. The adhesive is also resistant to light and ageing.

Applications are:

- Flying splice of heavy paper and cardboard.
- Mounting of plastic and foam parts, heavy papers, textile and leather

Product Design:

| Backing | Adhesive | Thickness* | Colour |
|-----------|-------------------|------------|-------------|
| non-woven | tackified acrylic | 160 µm | translucent |

Liner:

| Colour | Type | Thickness* | Weight* |
|--------|----------------|------------|---------------------|
| brown | glassine paper | 70 µm | 82 g/m ² |
| red | MOPP film | 80 µm | 72 g/m ² |

* Mean values / parameter of the specification

Dimensions:

| Stock Items | |
|-------------|---------------------------|
| 50 m | 12, 15, 19, 25, 38, 50 mm |

Other dimensions on request.

Technical Data tesa 4962

Mean values / parameters of the specification

Peel adhesion on different surfaces:

| | immediately [N/cm] | after 14 days [N/cm] |
|-----------|--------------------|----------------------|
| Steel | 10,5 | 12,6 |
| Aluminium | 8,9 | 10,6 |
| ABS | 9,3 | 11,6 |
| PC | 10,6 | 12,4 |
| PS | 9,5 | 10,9 |
| PET | 8,7 | 9,9 |
| PVC | 8,6 | 12,1 |
| PP | 6,7 | 7,4 |
| PE | 4,9 | 5,4 |

Temperature resistance

| | |
|------------|--------|
| Short Term | 200 °C |
| Long Term | 80 °C |

Mechanical properties

| | |
|------------------|-------------|
| Tensile strength | ≥ 12 N/15mm |
| Elongation | ≥ 3 % |

Results of laboratory evaluation

Static shear resistance (1000 g / 13 mm x 20 mm)

| | |
|------|---|
| 23°C | + |
| 40°C | o |

| | |
|---------------------|----|
| Tack (Rolling Ball) | ++ |
|---------------------|----|

| | |
|---------------------|---|
| Softener resistance | o |
|---------------------|---|

| | |
|---------------------|----|
| Humidity resistance | ++ |
|---------------------|----|

| | |
|--------------------|---|
| Solvent resistance | + |
|--------------------|---|

| | |
|------------------------|----|
| Ageing resistance (UV) | ++ |
|------------------------|----|

| | | | | |
|-------------|----------------|----------|------------|---------|
| Evaluation: | very good (++) | good (+) | medium (o) | low (-) |
|-------------|----------------|----------|------------|---------|

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BDF | | |

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tesa self-adhesive tapes are used successfully in many sectors to solve a variety of problems. Our publications contain numerous examples of such uses, intended to help towards a solution of your particular problems. Each tesa product has been developed for a particular range of applications. Nevertheless, experience has shown that even for one and the same objective, the exact requirements may differ from case to case. We, therefore, recommend that you carry out your own tests in each case, to confirm that the tesa self-adhesive tape which you envisage using is appropriate for your particular application. The Advisory Section of our Technical Service Department will be happy to assist. All information and recommendations are given by us in good faith, on the basis of practical experience, but without warranty.