



# tesa® 50050 High load



## Product Information

High strength TPP reinforcement tape

## Product Description

tesa® 50050 High Load combines a tensilised polypropylene backing with a strong synthetic rubber adhesive.

Intelligent tesa technology and innovative raw materials provide a tape with doubled tensile stiffness compared to standard strapping tapes. The tape concept combines superior tensile strength with an excellent flexibility and (in contrast to glass fibre tapes) bend resistance.

## Product Features

- The tape concept combines superior tensile strength with an excellent flexibility and (in contrast to glass fibre tapes) bend resistance

## Application Fields

The product is especially recommended for reinforcement of various cardboard handles (e.g. flap and top hole handles). Additionally tesa High Load is a perfect choice for the reinforcement of heavy packaging loads against burst out ("elephant footing").

## 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          | TPP              | • Total thickness | 125 µm   |
| • Type of adhesive | synthetic rubber |                   | 4.9 mils |

## Properties/Performance Values

- |                       |                          |                      |    |
|-----------------------|--------------------------|----------------------|----|
| • Elongation at break | 25 %                     | • Can be cut/punched | no |
| • Tensile strength    | 400 N/cm<br>228.4 lbs/in |                      |    |

## Adhesion to Values

- |         |                    |
|---------|--------------------|
| • Steel | 7 N/cm<br>64 oz/in |
|---------|--------------------|



# tesa<sup>®</sup> 50050

## High load

Product Information

### 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.



For latest information on this product please visit <http://l.tesa.com/?ip=50050>