

## Reinforcement with tesa – the system solution for cost-effectiveness and enhanced production reliability

With a comprehensive range of reinforcement tapes, tesa provides manufacturers of corrugated cardboard with a unique system solution to optimise your packaging:  
Our professional service supports the fault-free application for any plants – at costs which bear comparison to any alternative.



### 1. Cardboard quality savings

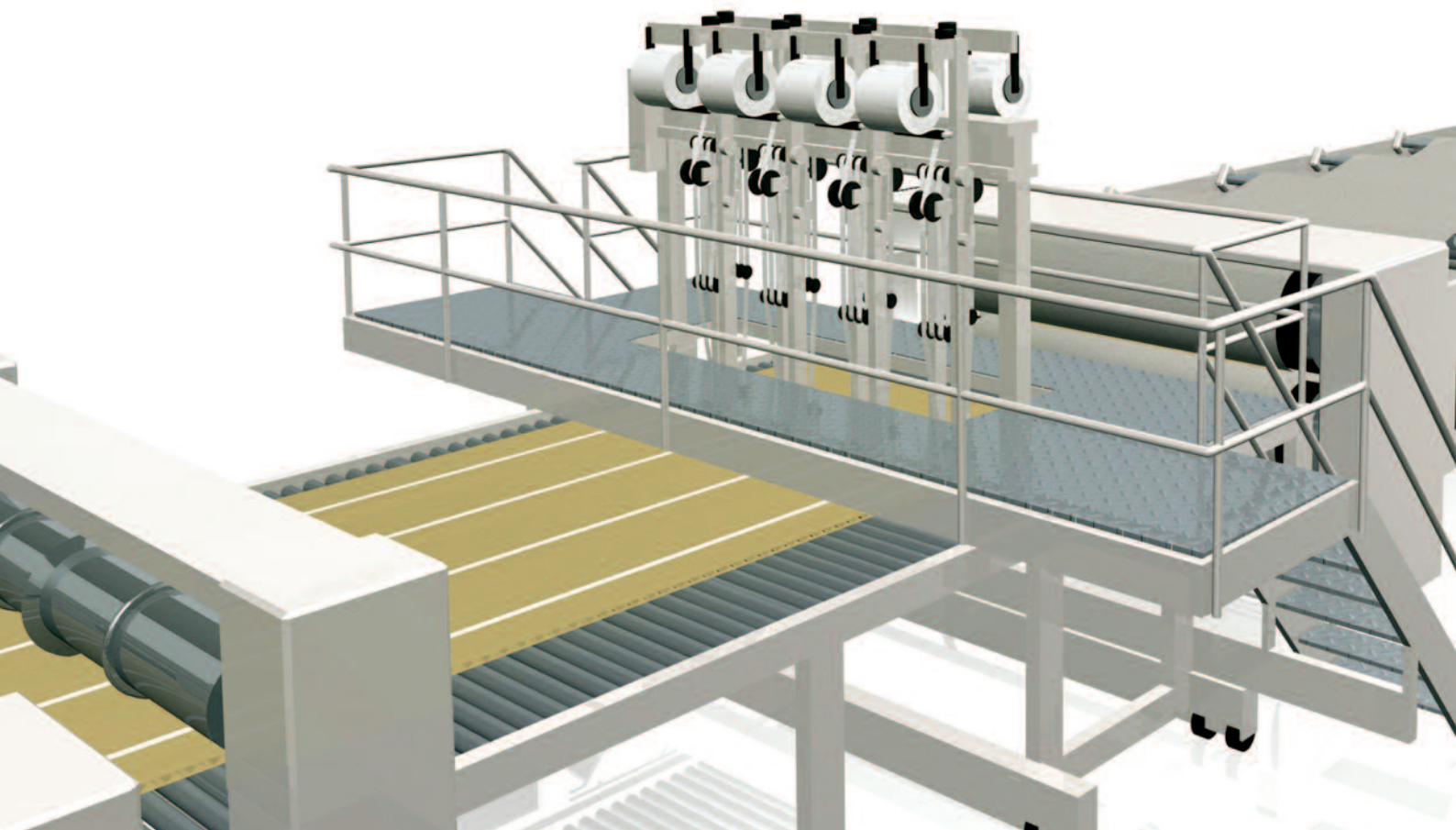
- Adding strength to your cardboard packaging (only where needed)
- Reducing cardboard thickness / weight
- Increasing the maximum loading weight of your packaging

### 2. Highly efficient production process

- No speed reduction and no down-times during setup, roll change, or order preparation (tape application speed >300m/min with modern inline laminators)
- Tandem system for continuous application
- Inline and offline application systems available
- More efficient and safer than any other heat-activated tape solution

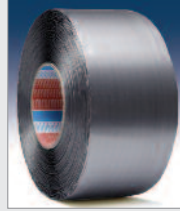
### 3. Secure and reliable production

- Safe and accurate state-of-the-art tape application system at the dry end of the corrugator
- No heat required to activate the tape
- Applicable for all kinds of board qualities (CL/TL)

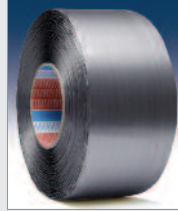


At a glance: The perfect tape for any requirement

- ++ Recommended
- + Suitable
- o Basic requirements



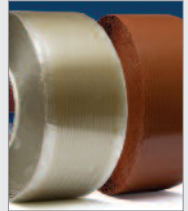
tesa®  
Cut Stop Plus  
50250



tesa®  
High Load  
50050



tesa®  
Flexible  
50060



tesa®  
Basic  
50020

Handle reinforcement

Side Hole Handle		++	+	+	o
Top Hole Handle		++	+	+	o
Flap Handle		++	++	+	o
Anti bursting-out					
		+	++	+	o

**Optimise your packaging solutions by using tesa® reinforcement tapes**

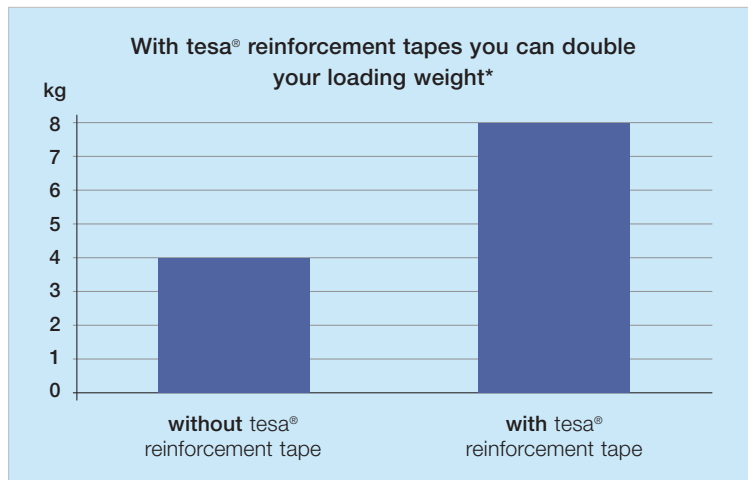
tesa® reinforcement tapes open up new construction opportunities by reducing the volume / material required and improving the function of your packaging .

**1. Manufacturers´ benefit:**

- Durability and reliable protection where other packaging solutions fail
- Increasing the maximum loading weight of your packaging
- Improving print quality compared to any other heat-activated solutions (the cardboard surface stays even and smooth)
- Upgrading the value of your packaging
- Reducing logistic costs by decreasing packaging volume

**2. Consumer convenience:**

- Reliable, secure and easy handling of boxes through handles
- Adding a feeling of strength and quality to the packaging and the product
- Strength where it is needed and appreciated by the consumer
- Upgrading the value of your packaging



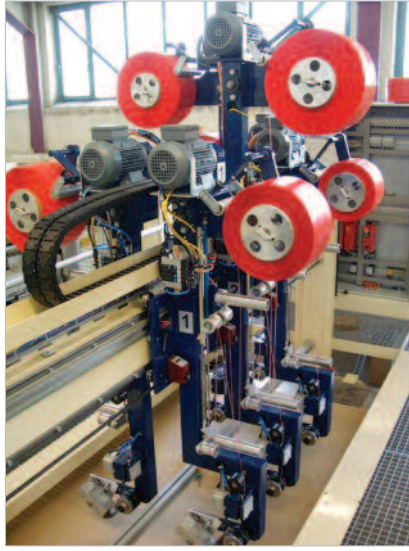
\* Kraftliner 140g/m², B-Flute, tesa® Cut Stop Plus 50250 in 19mm



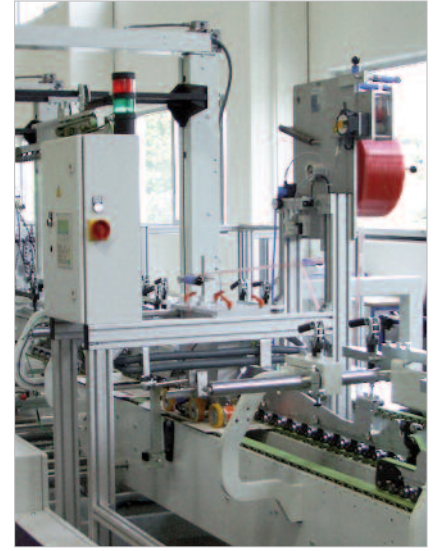
- With state-of-the-art test methods, tesa helps you to find the right solution for your needs.



Wellpack Taper



BHS Master Taper

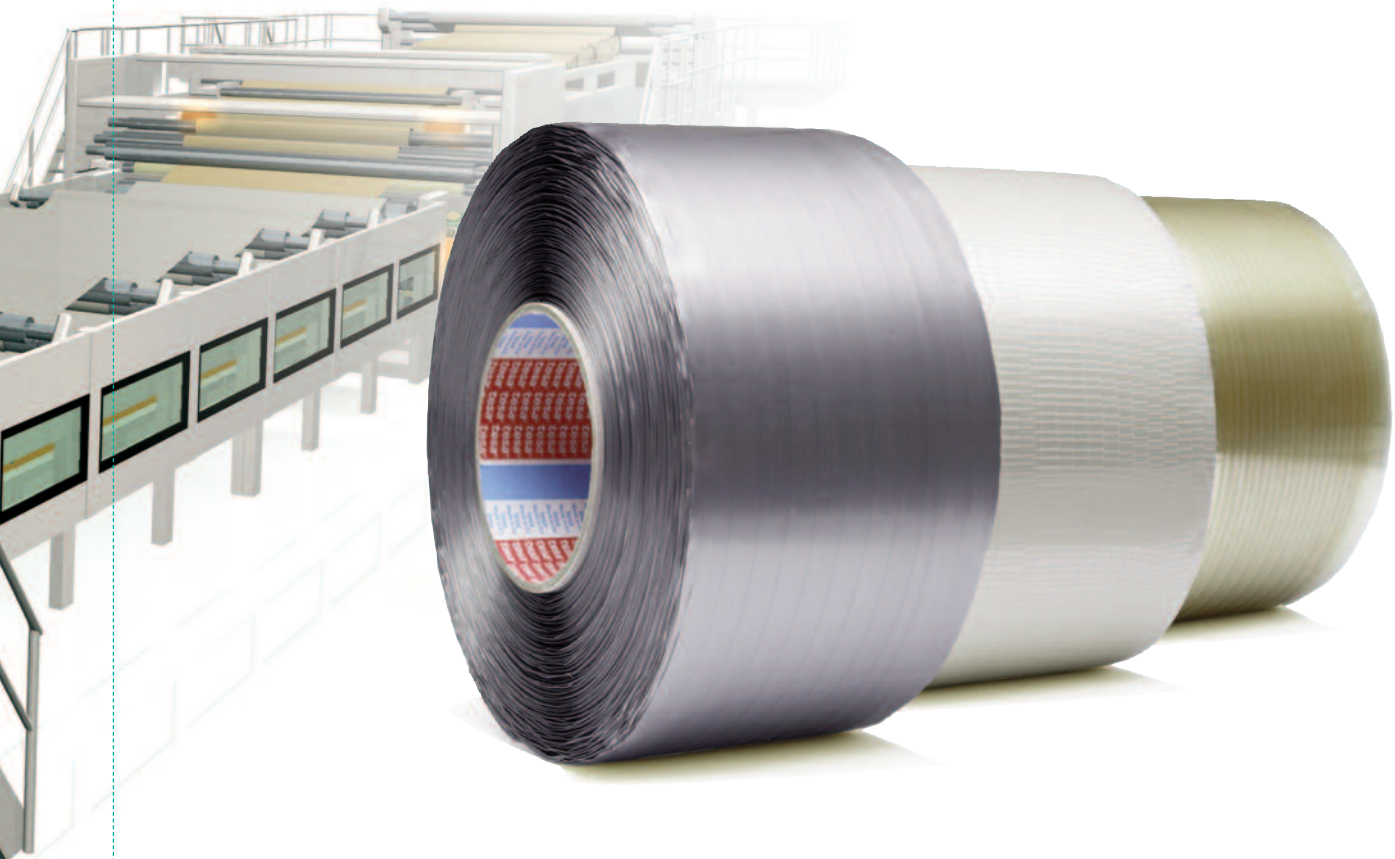


Berning tft (tesa® flexible taper)

**tesa® System Solution –  
proven as well as for inline and  
for offline applications**

- Many years of experience and world-wide partnership with the most important tape applicator manufacturers (e.g. Wellpack, BHS)
- Outstanding technical support
- Competent and innovative dialogue partner for the corrugated board industry

By offering a full range of reinforcement tapes, as well as inline and offline application solutions, tesa provides system solutions for all your reinforcement needs.



## Technical Data

Product	tesa® Cut Stop Plus 50250	tesa® High Load 50050	tesa® Flexible 50060	tesa® Basic 50020
Backing Material	Scored TPP	TPP	Cross Filament	TPP
Total Thickness (µm)	127	127	175	77
Adhesive Type	Synth. Rubber	Synth. Rubber	Synth. Rubber	Natural Rubber
Max. Tensile Strength (N/cm)	400	400	230	180
Elongation at Break (%)	20	20	20	40
Dimension	5000m : 19mm	5000m : 19mm 7000m : 15mm 8000m : 12mm	5000m : 15mm 6000m : 12mm	6000m : 25mm 12000m : 15mm
Punchability	yes	no	yes	no

## Complementary Information

For more detailed information concerning further corrugated board applications, please refer to the following information or contact your local tesa sales representative.

- **Product Folder – Solutions for Corrugated Board Splicing**  
tesa® Splicing Tapes 50607 & 50612
- **Application Folder – Sealing High Value Packages**  
tesa® Solutions for Box Closure
- **Product Sheet – Easy and reliable opening with tesa® Tear Tapes**
- **Product Information – tesa® 6098 Lamination Station**
- **Product Folder – tesa® Non-Stick Super Grip Solutions**
- **Assortment Folder – Platemounting Tapes for the Printing of Flexible Packaging**
- **Product Sheet for Application Systems**



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 AG 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 staff will be glad to support you.

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# Safety where it really matters

tesa® Reinforcement Solutions for the Corrugated Board Industry

ASSORTMENT FOLDER

