

The Teufelberger logo, featuring a stylized blue 'T' with a red horizontal bar at its base, followed by the word 'Teufelberger' in a blue sans-serif font.

**T** Teufelberger

A smaller version of the Teufelberger logo, consisting of a blue 'T' and the word 'Teufelberger', is printed on the side of a white cardboard box.A red diagonal label with the text 'TEWE® SoPRIM®' in white, sans-serif font. The label is attached to a white cardboard box.

TEWE® SoPRIM®



# TEWE® SoPRIM®

The reliable solution for bundling newspaper  
and corrugated boards!

# REACH ANOTHER LEVEL OF EFFICIENCY AND PROTECT THE ENVIRONMENT AT THE SAME TIME

Minimizing downtime in strapping machines and maximizing their efficiency is key in industries like the corrugated cardboard or printing industries, where every second counts. With TEWE® SoPRIM®, our new addition to TEUFELBERGER's portfolio of strapping products, we contribute significantly to meeting these crucial requirements. This new generation of 5 mm strapping takes the already well-established and proven qualities of TEWE® to yet another level.

It is not only the high quality in use that is absolutely convincing, every operator will appreciate the lightweight character and great ease of handling of TEWE® SoPRIM® due to its unique packaging. but also the minimal impact on the environment. Last but not least,





# Easy on the Environment: help to protect this planet. Every day!

Sustainability has been our focus for decades - it's in our DNA, naturally!

Recently, as a result of EU directives, waste and environmental aspects have been playing an increasingly important role in the market.

Therefore, we are and have been thoroughly analyzing all our activities and processes. This begins with us carefully choosing suppliers who we are sure share our philosophy, and continues with planning our production activities with a strong emphasis on reducing our global footprint.

Packaging materials for TEWE® SoPRIM® are sourced locally. With our TEWE® SoPRIM® new product line, we take sustainability to another level. Use it and you will experience the difference immediately.

## Reduce plastic

- ✓ With strapping, you are already using considerably less plastic material to bundle your package than with other packaging solutions. With TEWE® SoPRIM®, you can now further reduce the use of plastic for your packaging by up to 10%.

## Efficient useage of material

- ✓ TEWE® SoPRIM® utilizes up to 10% less raw material for the same meterage. The production facilities for TEWE® SoPRIM® are equipped with a closed loop cooling water system whose environmental impact is only minimal.

## Designed to recycle

- ✓ TEWE® SoPRIM® strapping and its packaging is 100% recyclable. TEWE® SoPRIM® coils are designed with only two materials: polypropylene and corrugated paper. This makes recycling them easy. Furthermore, all additives used are entirely free of heavy metals, and the product is fully REACH compliant.

## Sustainable thinking

- ✓ TEWE® SoPRIM® straps have a lower CO<sub>2</sub> emission than equivalent other straps

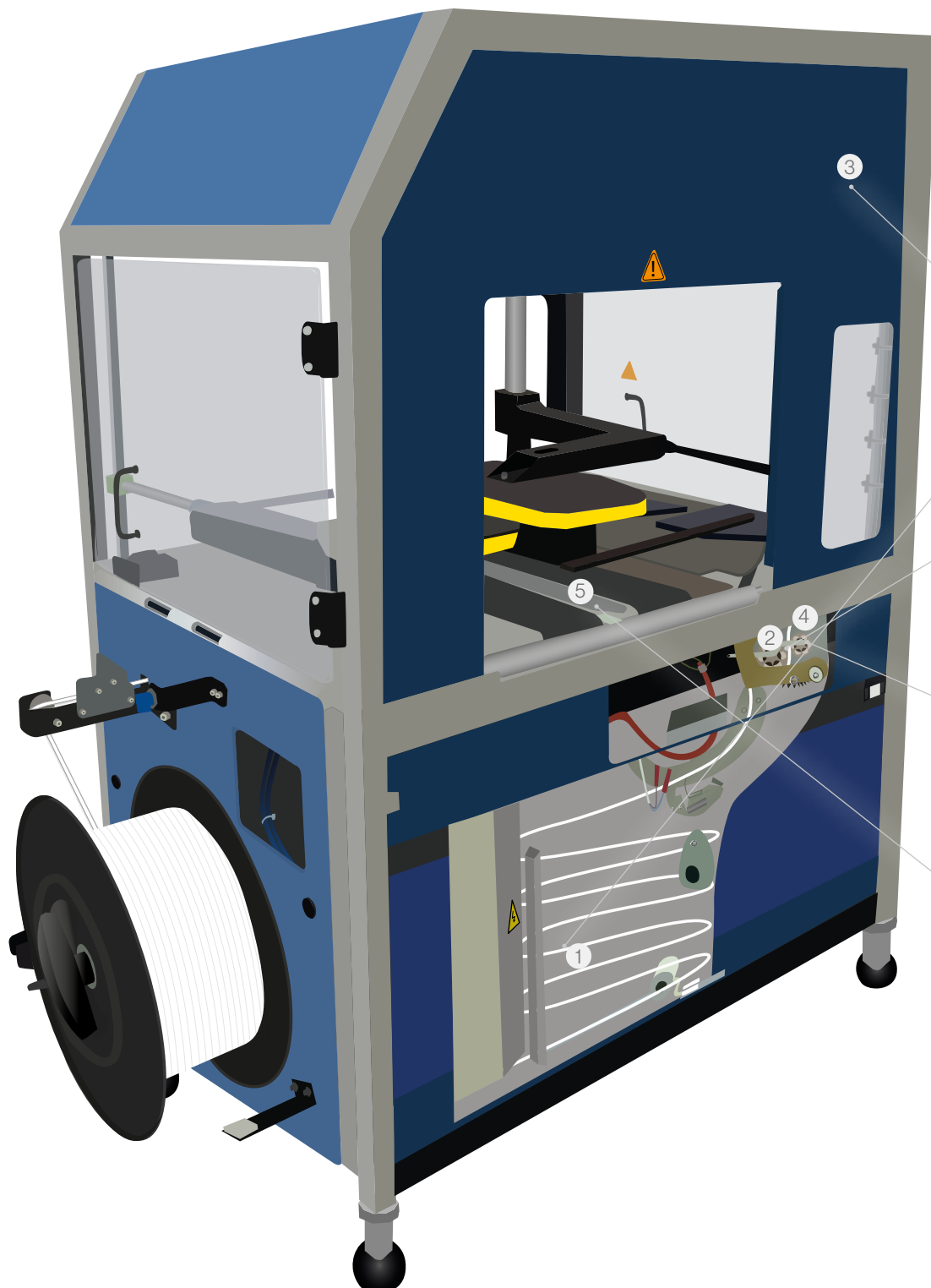


## Easy to operate: a smooth strapping process is the result!

50 years of experience in producing 5 mm TEWE® PP strapping have brought us to where we are now with this new product. In-depth application expertise has made us re-analyze every step along the strapping process and has proven useful in developing a strapping product that will make a difference. TEWE® SoPRIM® has been designed for all commercially available fully automatic 5 mm strapping machines.

Let us take you on a journey through the strapping process to experience the compelling advantages of TEWE® SoPRIM®.

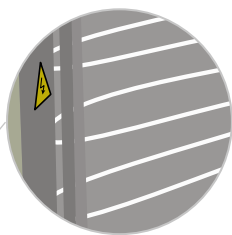
---



## TEWE® SoPRIM® portfolio

Type	Dimension	Core	Color	Length/coil	Cartons/Pal.
	mm	mm		m	
5040 TEWE® SoPRIM®	5 x 0.40	200/190	white	9,000	30
5047 TEWE® SoPRIM®	5 x 0.47	200/190	white	8,000	30
5047 TEWE® SoPRIM®*	5 x 0.47	200/190	white	8,000	30

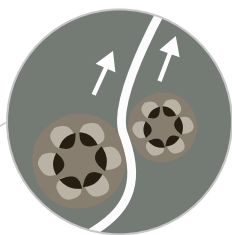
\* for big frames



### 1 First Strapping Cycle

Strapping tends to deform when it rests in the accumulator box for longer periods. This leads to feeding issues when the strapping system is initiated again and the strapping might need to be reinserted again. TEWE® SoPRIM® strapping exhibits superior stiffness and low deformation (= low memory effect). This allows your strapping system to start running immediately without any feeding issues.

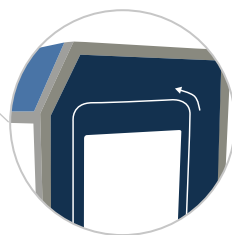
- ✓ little deformation
- ✓ flawless first strapping cycles



### 2 Strap Feeding

The superior stiffness and structure of TEWE® SoPRIM® allow easy threading and minimize dust residues at the high-speed feeding wheel. The biggest advantage is the elimination of strapping jams. TEWE® SoPRIM® will have almost zero slipping when fed by the strapping system's feeding wheels, leading to successful feeding in every single cycle.

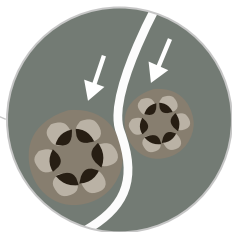
- ✓ minimized dust residues
- ✓ zero slippage
- ✓ reduced downtime



### 3 Frame

For trouble free feeding, strap stiffness is essential. TEWE® SoPRIM® comes with optimal strapping characteristics to ensure flawless feeding, no slippage and therefore no creation of dust in the frame.

- ✓ less dust in the frame



### 4 Strap Tensioning

When tensioning the strap, the strap tensioning wheel of your strapping system will apply maximum strain to your strap. Surface structure is important so that no slipping occurs between the strap and the tensioning wheel of your system, since this could lead to reduced tension on the packaging and dust due to slipping. TEWE® SoPRIM® offers maximum traction and minimizes slipping at the tensioning wheel.

- ✓ no slippage
- ✓ reduced dust



### 5 Strap Joint Welding

The strap joint of a strap is always its weakest point. TEWE® SoPRIM® ensures maximum strap joint strength without any major adjustments to welding temperature settings on your strapping system.

- ✓ no to little changes of machine setting necessary



# Easy to handle: a new unloading and unpacking experience

Health and safety of your staff is our highest priority. This is why we developed a packaging solution that safeguards both. Also, its great ease of handling helps you save valuable time.



## Functional handles

The box is equipped with four handles, making it easier and safer to move in an ergonomic way.



## Tear-off strip

Easy opening without any additional equipment (like a knife)  
Reduces the possibility to damage the coil as well as possible injuries.



## Reduced lifting effort

Compared to currently used strapping, TEWE® SoPRIM® is 10 % more lightweight. This facilitates loading the coil onto the dispenser of the strapping system. In addition, the coil is fixed with PP straps and environmentally friendly cardboard pieces.

The coil can be removed easily from the box, minimizing personal fatigue and potential damage to the coil flanges.

# Applications for our new TEWE® SoPRIM®

After an intense period of product development and technological enhancement we are happy to offer you an even better user experience. Our new TEWE® SoPRIM® is designed in such a way as to cater even more to industry requirements and demands.

## Newspaper

In no other industry are business cycle times and deadlines as tight as in the newspaper industry. Therefore, a trouble-free strapping process is key to ensuring on-time deliveries.

The increased abrasion resistance and overall improved characteristics of TEWE® SoPRIM® help reduce downtime, thus ensuring a faultless strapping process.



## Corrugated

In the corrugated industry, high quality strapping is needed for a smooth and troublefree strapping process. The goal is to obtain a fast and secure bundling process supported by the increased stiffness, the low edge bow level, and the reduced deformation of TEWE® SoPRIM®.



### ⚠ WARNING!

Using these products may involve hazards. Therefore, never use our products for any purposes other than those they are designed for. Customers must ensure that all users are familiar with their correct use and the necessary safety precautions. Please keep in mind that any of the products may cause damage or harm when misused or overloaded.

TEUFELBERGER®, TYCOON®, TEWE®, and SoPRIM® are internationally registered trademarks of the TEUFELBERGER Group. Subject to technical modifications, typesetting and printing errors.

The Teufelberger logo, featuring a stylized blue 'T' with a red horizontal bar at its base, followed by the word 'Teufelberger' in a blue sans-serif font.

**Teufelberger**

A red rectangular label with the text 'TEWE® SoPRIM®' in white, sans-serif font.

**TEWE® SoPRIM®**



TEWE is a  
TEUFELBERGER brand.



1

**TEUFELBERGER GmbH**

Vogelweiderstraße 50

4600 Wels, Austria

Phone: +43 (0) 7242 413-0

Fax: +43 (0) 7242 413-169

[fibersplastics@teufelberger.com](mailto:fibersplastics@teufelberger.com)

[www.teufelberger.com](http://www.teufelberger.com)