



METAL PROTECTION

COILWRAP® AND PROFILEWRAP®

A TRANSCENDIA BUSINESS

 **Transcendia**
A LEADER IN CUSTOM ENGINEERED MATERIALS

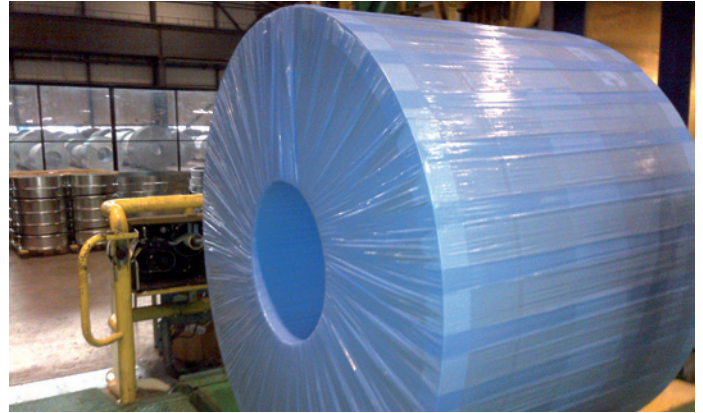
CoilWrap® Auto-Wrap-Film for steel coils

High-performance film that saves you time and money.

CoilWrap® is a technical film specifically designed for the Automatic Packaging of metal coils, affording the highest level of puncture and tear resistance. Due to the unique coating process, the corrosion protection is both a contact and vapor inhibitor provided by BioCor® technology. Within automated packaging lines, the CoilWrap® system provides a surface coated patent self sealing system providing optimum corrosive protection.

Packaging Advantages:

- High Strength technical film for machine application
- 6 times stronger than regular stretch film
- Surface coated sealing properties
- High Level MVTR
- Packaging medium developed to provide specific protection from tear and puncture
- BioCor® VCI technology
- Micron range 40µm – 120µm
- Sealed pack provides surface coated technology for improved vapour and contact corrosion protection to a wide variety of metal products:
 - strip – hot/cold rolled, galvanized and tin.
 - plate
 - long Products – bar, rod and tube.
- Material can be supplied in a colour of choice and with a corporate logo if required
- Fully recyclable



Without VCI monochrome blue.
PE layer outside blue or colorless.
PE layer inside with VCI colour
selectable not blue = always VCI

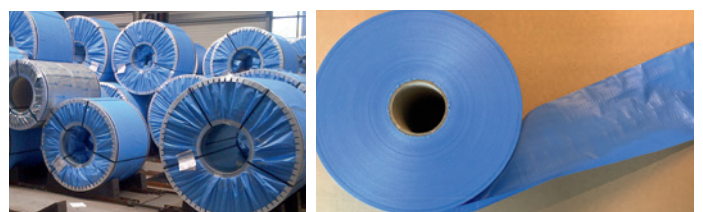
CoilWrap® Auto-Wrap-Weave for steel coils

High Strength Weave developed with the steel industry – for the steel industry!

CoilWrap® AutoWrap-Weave provides a more robust packaging medium for more demanding logistic routes. The scrim formation provides a high level of tear and puncture resistance whilst affording BioCor® surface coated corrosion protection. Patented surface coated self sealing system provides a sealed pack using a strong single substrate.

Packaging Advantages:

- High strength packaging medium providing extra tensile strength and puncture resistance
- 75 g/m² – 110 g/m²
- A single substrate providing an effective and efficient wrapping cycle
- Material can be supplied in a colour of choice with a corporate logo
- Sealed pack provides vapour and contact corrosion protection to a wide variety of metal products:
 - strip – hot/ cold rolled, galvanized and tin.
 - plate
 - long products – bar, rod and tube.
- Developed where products are exposed to multiple handling and demanding logistical environments
- Fully recyclable



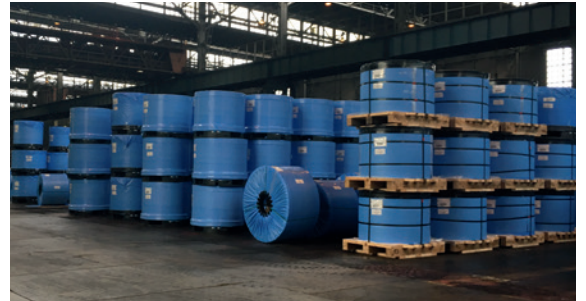
CoilWrap® Hand-Wrap-Weave

High-performance film that saves you time and money.

CoilWrap® BioCor® Hand-Wrap-Weave is a new and innovative PE coated weave on one side with the proven BioCor® anti-corrosion VCI additive. The coating consists of a VCI PE inner layer and a PE outer layer without VCI. PE coating provides a flexible material suitable for manual packaging. BioCor® VCI Weave offers vapor and contact corrosion protection with the highest responsibility for occupational health. The material provides a high level of tear and puncture resistance in conjunction with BioCor® VCI technology providing safe and easy to use for a variety of metal products, and other materials.

Packaging Advantages:

- High strength packaging medium providing extra tensile strength and puncture resistance
- 75 g/m² – 110 g/m²
- Widths 750 mm – 3800 mm
- A single substrate providing an effective and efficient manual wrap.
- Material can be supplied in a colour of choice with a corporate logo
Sealed pack provides vapor and contact corrosion protection to a wide variety of metal products:
 - strip – hot/cold rolled, galvanized and tin.
 - plate
 - long products – bar, rod and tube.
- Developed where products are exposed to multiple handling and demanding logistical environments
- Fully recyclable



CoilPlus comprehensive protecting solutions

The unique packaging concept – save time and money.

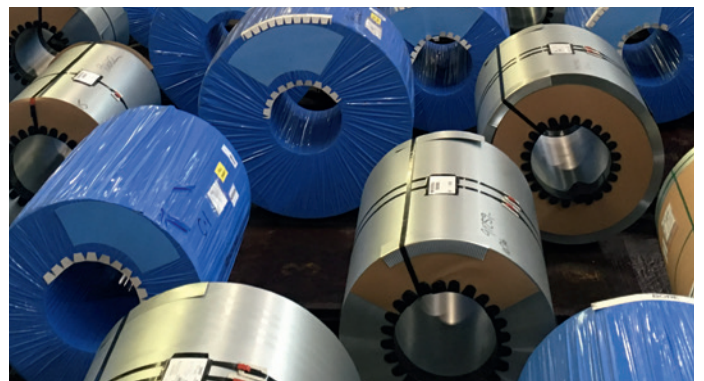
In addition to the CoilWrap® range, Metpro also offers suitable solutions for the further transport of coils, specifically designed for the steel industry. With a solution driven focus to the individual needs and requirements of the Plant. Whether its internal/ external edging, bore and bore protection, packaging mediums and external Coil, Plate or Rod protection. Protecting packaging is our power.

Product range CoilPlus:

- Internal/External Edge Protection
- Solid/Polo Disc with and without VCI
- Plastic spacer bars
- Magpro
- Magnetic Pad
- CoilPlus Corrugated VCI/Non VCI Plastic
- Consumables
- Outer Coil Protection – Board/Plastic

Packaging Advantages:

- Unique Metal protection
- High corrosion protection
- Extreme pressure resistance for heavy duty applications minimal impact on surfaces - no crushing, no abrasion, no dents, no rust
- Solution driven concept



ProfileWrap® High-Performance film

Ultimate Long-Profile wrapping solutions.

ProfileWrap® is a high strength polyethylene film incorporating brand enhancing print with interactive coatings to provide manufacturers of Aluminum/Architectural profiles and extrusions an efficient and cost-effective alternative to cardboard, stretch film and adhesive tape. AluRap film can also be supplied coated with a volatile and contact corrosion inhibitor for protecting mill finish Aluminum profiles throughout storage and shipping.

Packaging Advantages:

- Only one layer of Film is needed for total protection
- ProfilWrap® is up to six times stronger than stretch film
- Significant savings in your packaging costs
- Reduced inventory levels
- Increased productivity when used with Automatic Film wrapping machines
- Enhanced product protection during storage & shipment
- Easy slide Technology provides effective and efficient storage over stretch grades
- Recyclable and easily removed in one piece from the metal part
- Superior brand enhancement through high quality multi colour printing
- End Seal available if required

Important key points to note:

- Diameter of Profile Bundle
- Width of the roll
- Ring Orientation
- Patented Self Sealing system
- VCI Protection if required



ProfileWrap® machines by MetPro. Quick and effective!

Ensure extremely safe and economic packaging of long profiles.

These machines are highly efficient and pack all profile sizes and forms. They are designed for an economical and optimum output rate, thanks to the angle-adjustable foil fixture, automatic ring height guide and pneumatic side and pressure rollers.

Semi-automatic machine

Electrical connection: 110 V – 50 Hz
Compressed air connection: 6 bar
Output: 300 rpm (ring 40)/220 rpm (ring 60)
Foil material: Stretch film, width 4" – 10"
Wind ring: 15.75" (ring 40)/24" (ring 60)

Fully automatic machine

Electrical connection: 400 V – 50 Hz
Compressed air connection: 6 bar
Output: 50 – 150 rpm (depending on radius)
Foil material: ProfileWrap®, width 4" – 10"
Wind ring: 20" – 120"
Options: This machine can be upgraded with a series of options, up to a fully automatic packaging line



Slit Coil Wrapping Machine from MetPro

Unique and patented self-sealing system.



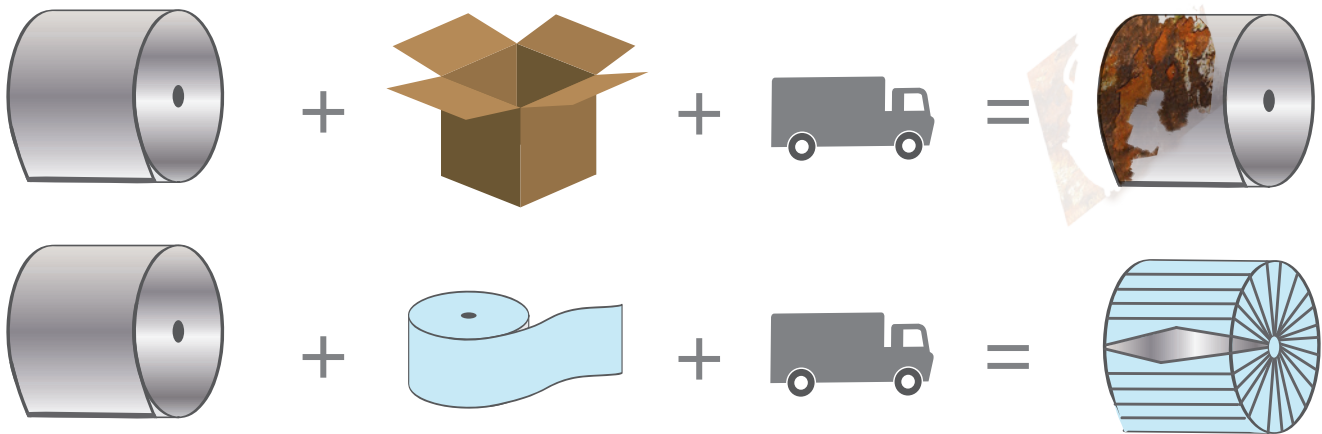
The machine provides an Automatic solution for the wrapping of Slit Coils within downstream manufacturing and service centres providing a cost-effective alternative to manual packing. Its unique and patented self-sealing system provides a strong robust anti corrosive packaging using a single packaging medium application.

- Cost effective solution
- Quick and easy multiple coil handling
- Advanced technology
- Bespoke solution driven design providing full project management and implementation



MetPro high quality packaging solutions

Our surface coated VCI offers superior corrosion protection.



CoilWrap® the highest level of puncture and tear resistance in a single wrap!

New packaging dimensions in the industry

Innovative, customized and affordable solutions.





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