colofer®

colofer® PLUS

A resource-conserving alternative to plastisol

Organic-coated steel strip

YOUR ADVANTAGES WHEN YOU CONVERT FROM PLASTISOL TO colofer® PLUS!

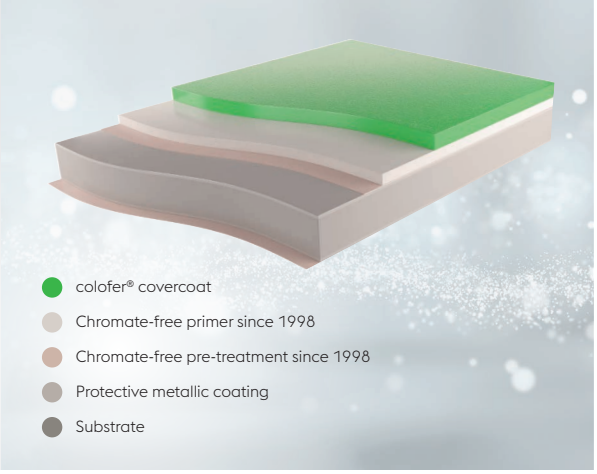
Are you currently using plastisol and considering converting to a more modern, flexible and resource-conserving alternative? Are you looking for a product that optimally meets your requirements in spite of its thin coating layer? Find out more about colofer® PLUS!

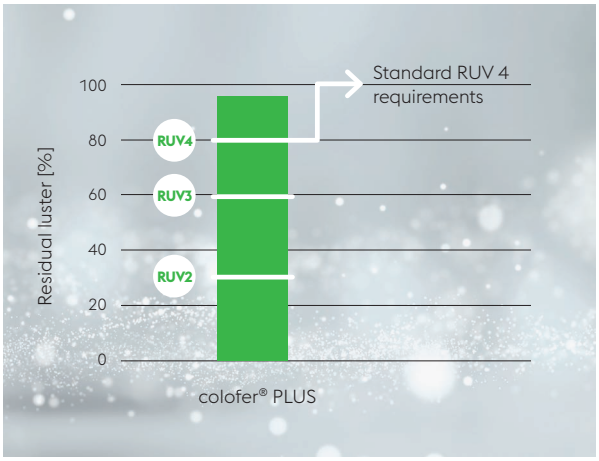
What is colofer® PLUS?

colofer® is the brand name for organic-coated steel strip made by voestalpine. colofer® PLUS is the flagship material for ultimate functionality. The total coating thickness of 50 µm, best prematerial and comprehensive quality control lend colofer® PLUS its ideal properties for the most stringent applications.

colofer® PLUS provides the following customer benefits:

- Narrowest bending radii up to 0T
- Highest achievable UV resistance: RUV 4
- Highest achievable corrosion resistance category: RC5
- Longest guarantee period of 40 years
- Production completely free of chromates





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ONE STEP AHEAD.

Almost unlimited variety of colors

There is no limit to creativity and flexibility in your projects. Our colofer® color service makes colofer® PLUS available in almost every imaginable color, including metallic shades. The shades can be adjusted using color cards or samples to meet individual customer requirements.

Smooth or structured surface appearance

In contrast with embossed surfaces, which are commonplace in plastisol applications, colofer® PLUS is available in both smooth and structured surface designs.

Clean surfaces

The embossed surfaces typical in plastisol applications lead to increased vulnerability to impurities. Because of its smooth surface, colofer® PLUS is significantly less susceptible to impurities. Your facades will remain cleaner for a longer period of time.

Consistent weather resistance

Plastisol is not a chemically bonded system, which is why high surface temperatures above 60 °C can quickly lead to ageing effects. Such temperatures are quickly reached on dark-colored rooftops. colofer® PLUS can easily withstand surface temperatures of up to 80 °C.

Improved fire protection

PVC (polyvinyl chloride) is a principal ingredient in plastisol. Because it contains chlorine, chlorine gases are set free in the event of a fire. These gases can lead to chemical burns and irritations. colofer® PLUS meets the requirements of fire protection class A1.

Environmental aspects

Some plastisols contain chromate primers, which are prohibited in the 2017 REACH regulation. Chromates have harmful effects on humans and the environment. Since 1998, colofer® has been manufactured without the use of any chromates or heavy metals, and this has not had any adverse effect on the high level of product performance.

Our colofer® technical support consists of a large pool of experts who will be happy to assist you with all your inquiries.

To find out more about colofer®, visit us on our website at www.voestalpine.com/colofer

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