COST-SAVING ENAMELING SOLUTION

If you use open-coil-annealed steels and would like to explore environmentally friendly alternatives that are better suited to your application, we have the right solution for you.

With our low-carbon (EK) and ultra-low-carbon (IF) steels, new alloying designs, technological expertise and improved material properties, many applications can be improved with respect to their price-performance ratio.

- Low-carbon (EK) steels made by voestalpine DC01EK | DC04EK | DC05EK
- Ultra-low-carbon (EK) steels made by voestalpine DC03ED TiVac | DC04ED TiVac | DC06EK
ENAMELABLE STEELS FURTHER DEVELOPED BY voestalpine

voestalpine has decades of experience in the manufacturing of enamelable, cold-rolled low-carbon (EK) and ultra-low-carbon (IF) steels. These classical steel grades are very important to us in further research and development.

With respect to complex components, we focus primarily on improved enamel bonding, fish-scale resistance and formability in an effort to ensure that the costly process of annealing open coils is avoided wherever it is not necessary.

ADVANTAGES OF ENAMELABLE STEELS MADE BY voestalpine

- Best forming properties of ultra-low-carbon (IF) steels
- Very good enamel bonding
- Improved alloying designs for excellent fish-scale resistance
- Low-carbon (EK) steels are especially suitable for components with low to medium deep drawing
- Suitable for wet or dry enameling
- Can be combined with direct-e®, our directly enamelable forming aid for dry enameling
- Cost-effective price-performance ratio of low-carbon (EK) and ultra-low-carbon (IF) steels

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To find out more about enameling steels, please visit us at www.voestalpine.com/steel