

COLD-ROLLED ENAMELABLE STEELS

The alternative to
open-coil-annealed steels



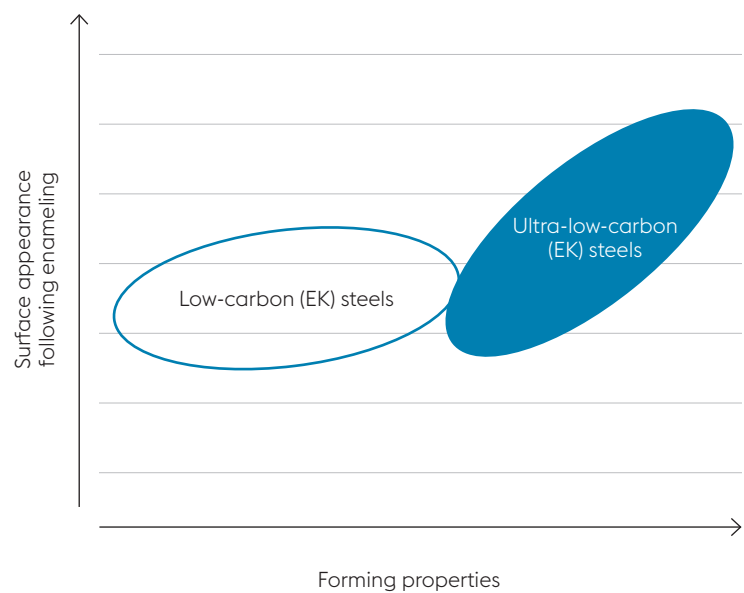
Cold-rolled steel strip

Enamenable steels fact sheet | Stand 08/2018

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



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ONE STEP AHEAD.