



Rolled Baking Oven Belts.

 **STEINHAUS**

Rolled Baking Oven Belts

Rolled wire mesh conveyor belts for baking ovens, in short rolled baking oven belts, are made of round wire spirals coiled in the same direction, intermeshed in pairs into each other and adjacent spirals („double weaving“). This wire fabric is rolled flat and the belt edges are created by spot-welding the ends of 2 adjacent spirals together, thus giving the required stability whilst retaining sufficient flexibility.

For producing baked durables of all kinds and biscuits in particular, rolled baking oven belts will be used instead of steel sheet belts if the dough does not require a completely impervious belt. Compared with other wire mesh belts, rolled baking oven belts have the advantages of being thinner and have an even surface.

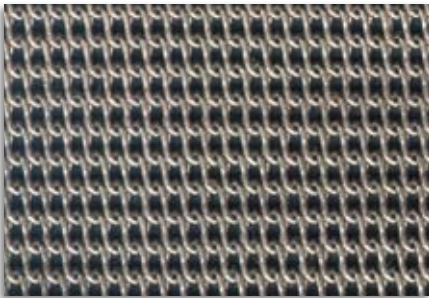
Therefore, the baked goods rest on a flat surface, breakage is reduced and, since its underside is smooth, packaging is facilitated.

Compared with steel sheet belts our rolled baking oven belts allow gases to escape downward during the baking process, so that no unwanted bubbles will appear on the underside of the product. Moreover, the underside is provided with an appealing pattern.

The excellent air permeability of rolled baking oven belts ensures perfect heat circulation, efficient heating of the ovens and a quicker baking process.

For baking tests we shall be pleased to furnish you with belt sample pieces. Rolled wire mesh conveyor belts for baking ovens can be made in widths of up to 1500 mm with tensile strength of 500 – 600 N/mm².

Belt types and technical data for Rolled Baking Oven Belts



Belt type F 2008/K-ST

Initial wire dia: 0,8 mm
Belt thickness app.: 1,6 mm
Weight: 6,1 kg/m²



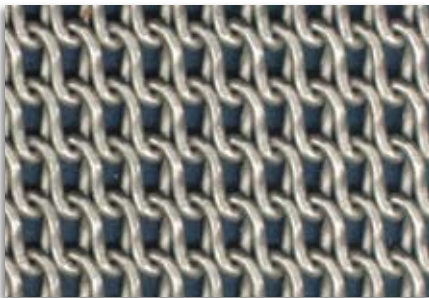
Belt type F 6014/K-ST

Initial wire dia: 1,4 mm
Belt thickness app.: 2,7 mm
Weight: 7,6 kg/m²



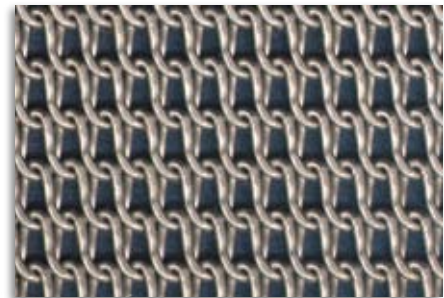
Belt type F 2510/K-ST

Initial wire dia: 1,0 mm
Belt thickness app.: 2,0 mm
Weight: 6,2 kg/m²



Belt type F 4015/K-ST

Initial wire dia: 1,5 mm
Belt thickness app.: 2,8 mm
Weight: 9,5 kg/m²



Belt type F 4012/K-ST

Initial wire dia: 1,2 mm
Belt thickness app.: 2,3 mm
Weight: 7,3 kg/m²

The essential advantages

Preciseness of Spirals

An equal number of spirals across the belt over the entire length.

Our advantage: Easy to install direct connecting of the belt ends without need for make-up pieces.

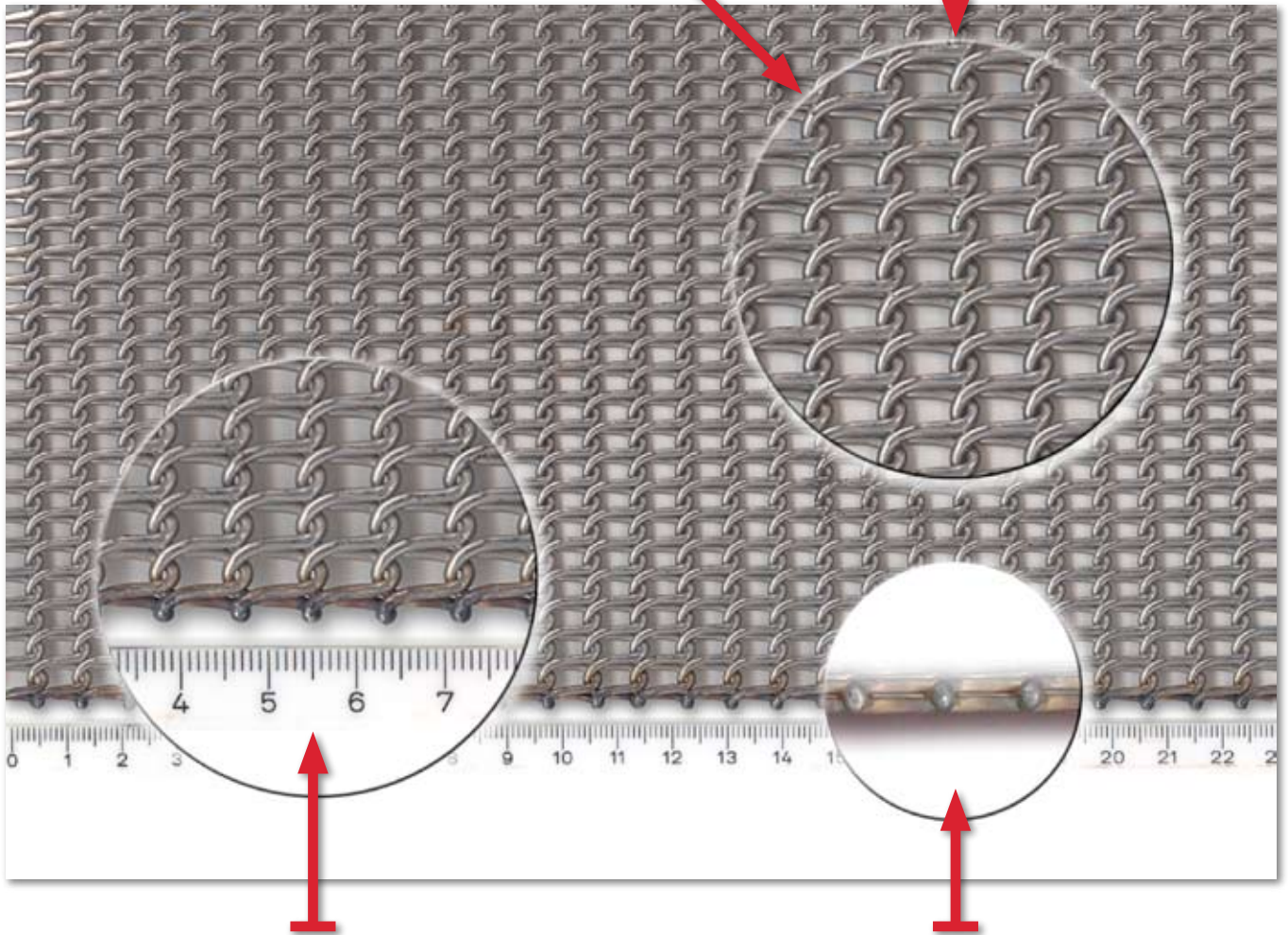
Your benefit: Low idle time of the oven without production for maintenance.

Angularity of Spirals

Rectangularity of the spiral loops with the belt edges.

Our advantage: Excellent straight running characteristics of the belt.

Your benefit: Long operational life time because of the reduced risks of damages to the edges.



Straightness of Edges

Tolerance on width +/- 8 mm

Exact straightness of belt edges

Our advantage: Excellent straight running characteristics of the belt.

Your benefit: High productivity since the whole belt width can be used.

Welded Edges

Same belt thickness throughout, i.e. belt edges are not higher than the belt mesh.

Our advantage: No damage risk of the belt at the feeding chute.

Your benefit: Avoiding broken biscuits.

Remark:

Under operational conditions rolled baking oven belts will show a width narrowing of app. 1%. Therefore we will allow an equivalent plus tolerance on the nominal width during production of your order.

The information and illustrations in this product information are non-binding and only represent an approximate description. The properties are not guaranteed.



Screen Panels

Screen panels made of steel and polyurethane, system screen segments, wire cloth, perforated plates



Slotted Screen Panels

Slotted screen panels made of wear resistant, alloyed, corrosion resistant steel grades, with and without reinforcement, in welded and looped execution.



Wire Conveyor Belts

Wire conveyor belts, woven and braided, belt tracking device



Filter Media

Filter cloth, hoses, bags made of textile fibres, form filters and filter fabrics made of metals and synthetics, high precision filter tubes

