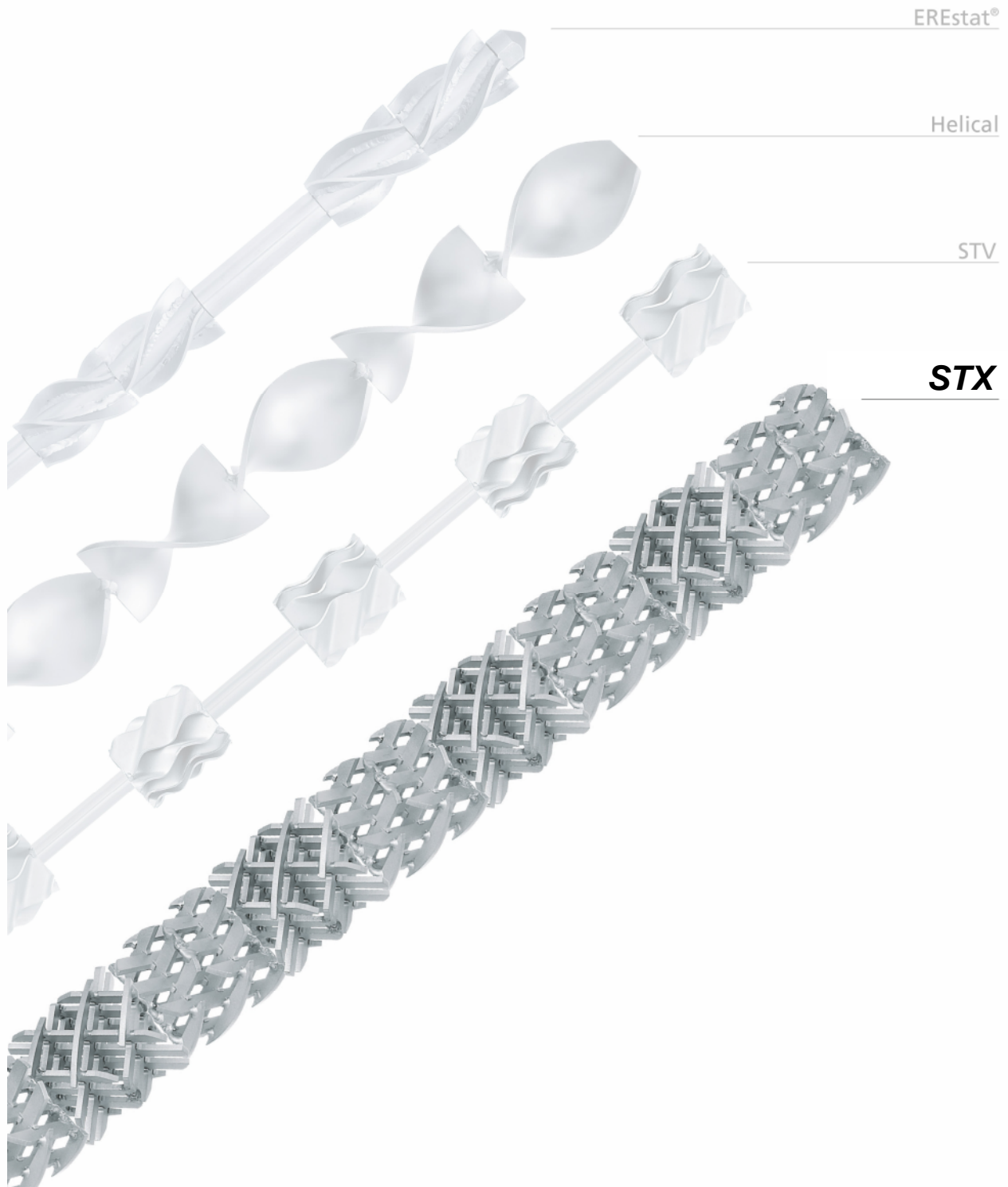




VERFAHRENSTECHNIK

Static Mixers **STX**

For viscous and highly viscous media



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STX – Barrier Mixer

Webs crossing each other are equally distributed over the pipe cross-section and arranged in sequence. Each package is inserted into the pipe rotated by 90° to the previous one. The number of mixing elements required depends on the application, the volume flow, the nominal width, the medium with its properties and the marginal conditions such as permissible pressure loss and minimum required mixing quality.

Because very high shearing forces may develop when using STX mixing elements in combination with viscous to highly viscous media, the flow velocity is kept low accordingly.

STX – for mixing liquides

The STX mixer is superbly suited to homogenizing liquids (pumpable media) up to 600 Pa. The static mixer must be appropriately dimensioned for all applications.

This is done in close consultation with the customer and always specifically for the individual scenario, since the points listed above must be taken into account when using an STX mixer. We gladly assist you with our advice!

Like all static mixers from STRIKO also STX can be manufactured in different materials such as carbon-steel, stainless-steel or plastics. This is depending on application and requirement based on project related dimension.



Beside the production of complete static mixers, consisting of shell with injector and mixing elements, it's also possible to manufacture just mixing element chains. These chains can be assembled into existing pipe systems of the customer. Using this procedure it's possible to reduce additional costs for pressure-, x- ray or dye penetrant tests as well as costs for certification by third party. Let's talk about this idea.