



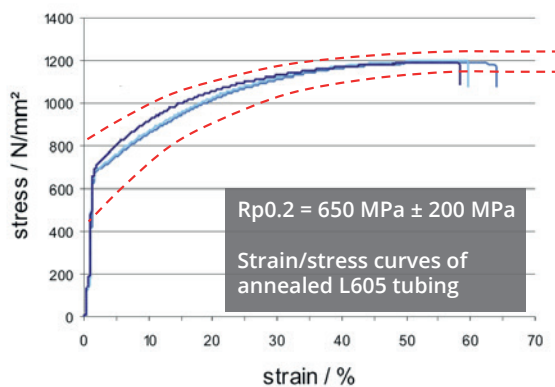
LowElast

Improved Retention Forces for Crimped **L605 Stents** and Reduced Recoil

LowElast is a heat treatment

- ✓ that reduces the “spring back” during crimping of L605 stents
- ✓ that reduces the recoil of the expanded / dilated stents
- ✓ for a safe L605 stent-balloon system

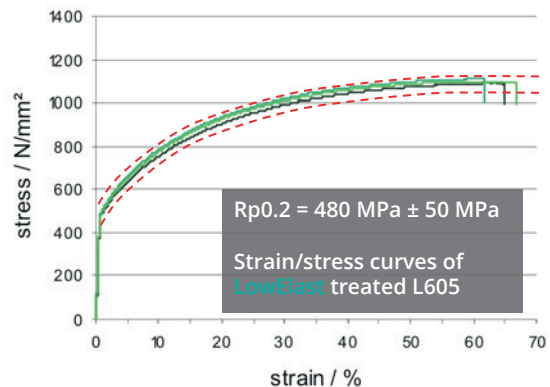
Common L605 Stents



L605 stents show severe problems during crimping due to the

- “spring-back” effect: high elastic strain causes a partial reopening of the stent after crimping
- non-constant mechanical properties: straightening of the annealed tubing causes unstable properties

Advantages of LowElast



- ✓ Reduced yield strength thus minimized spring-back effect
- ✓ High retention forces of the stent on the balloon catheter
- ✓ Adjustable and stable mechanical properties of the L605 stents
- ✓ Reduced recoil



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