

SERVICE INFO



Timing belts – Teflon® and stitched together

No need to worry with basted or welded seams

Some of the timing belts offered by Schaeffler Automotive Aftermarket have additional fabric on the back, which is joined at one or two points with a basted seam.

In addition to the welded seam, this involves a joining technique that is also used in original vehicle equipment (OE).

When it comes to belt production, these seams are manufactured before the belt is vulcanised, and they support the production process. In general, the fabric backing is used to reinforce some timing belts in order to prevent the possibility of displacement during belt operation and thus wear at the edges.

In contrast, the required force transmission of the belt does not take place via the fabric backing. The type chosen for use from these two approved joining techniques has no impact on the functionality of the belt.

Please be careful to avoid bending the belt! This could also damage the inner belt fabric which will prevent the belt from functioning properly and running smoothly!

Colour has no effect on function

Specifications for control drives are becoming more and more stringent. The demand for higher engine performance combined with a decrease in engine size and weight pose new challenges to complete systems consisting of tensioning pulleys and belts.

Timing belts development must evolve continuously in order to meet these challenges on a sustained basis.

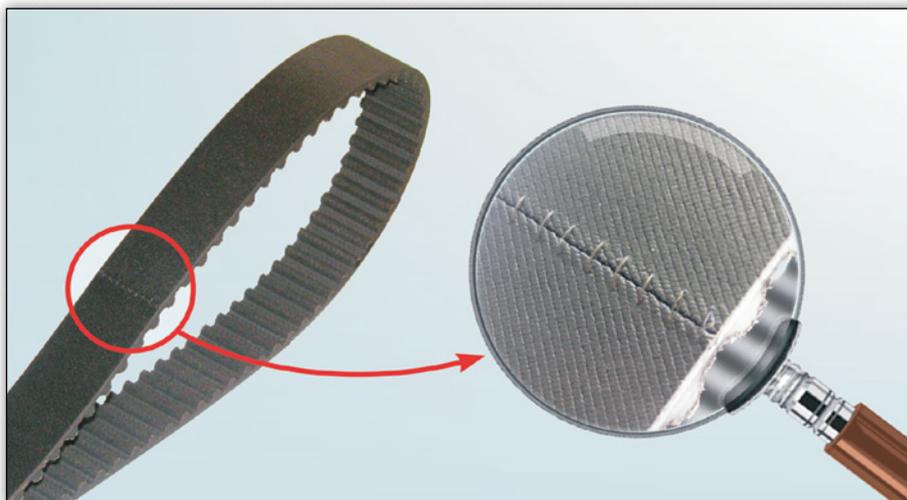


Image 1: Detailed view of the seam on the fabric backing – this is a basted seam

For example, some timing belts feature a coating of polytetrafluoroethylene – usually known under the trade name Teflon®. This coating reduces friction and wear on the toothed side of the belt and thus improves the service life when used for heavy-duty applications such as in modern diesel engines. This Teflon® coating is usually black or white (see Image 2); the colour itself has no effect on the function.

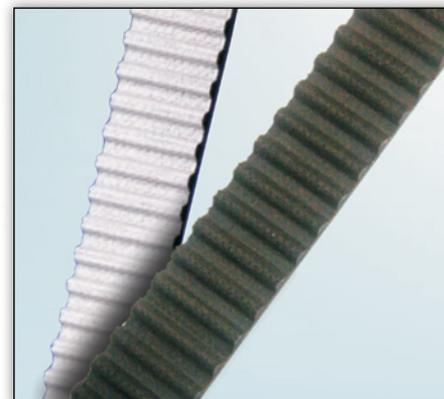


Image 2: Black and white coating on the toothed profile

Schaeffler Automotive Aftermarket does not take risks when it comes to belts: the timing belts in the numerous kits conform to the required OE quality without exception.

Appropriate spare parts can be found in our on-line catalogue at www.Schaeffler-Aftermarket.com or in RepXpert at www.RepXpert.com.

Issued 04.2010

INA 0058

Subject to technical changes

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