



CMF cylinder wires

For processing cotton and man-made fibers into open-end and ring yarns

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The requirements of the spinning industry are met to the full extent with CMF cylinder wires from Groz-Beckert. The card clothing family that is well-established in the market has proven itself many times over, especially with quality-conscious customers.

Technical features

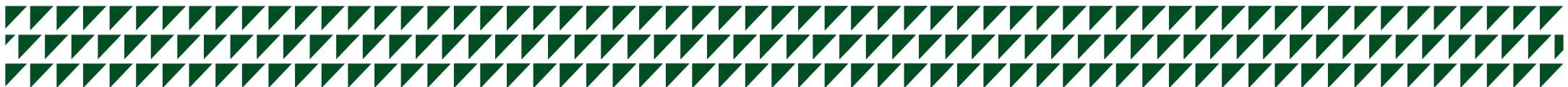
CMF cylinder wires are characterized in particular by their special tooth shape and show their potential when processing cotton and man-made fibers for the production of open-end and ring yarns. Thanks to the special and patented tooth geometry, the card clothing does not have to be reground. Costly grinding processes and the associated production stops are thus avoided. In the case of revolving flat cards with automatic grinding system, maintenance of the clothing – and also replacement of the grinding stone – is no longer necessary. Lower maintenance costs for the card clothing and savings due to reduced downtime of the revolving flat card are the result.

Customer benefits:

- No maintenance required
- Less production stops
- Improved yarn quality
- Increased service life of the card clothing



C20-40-95-CMF



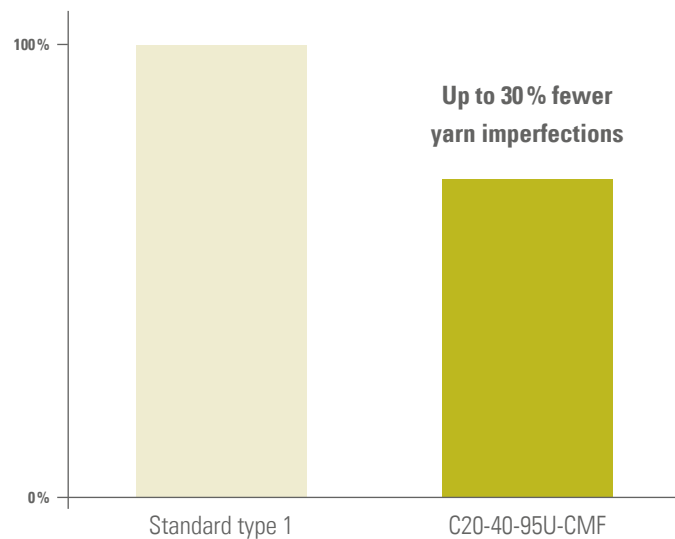
CMF cylinder wires have proven themselves in practice and comparisons

Compared to standard Groz-Beckert cylinder wires, field tests with the CMF wire confirmed superior results over time. The yarn contained fewer thick and thin places as well as neps (IPI). In addition, in cotton carding applications a higher neps removal efficiency (NRE) was achieved on the revolving flat card in the course of the trials, with a clearly positive effect on the yarn quality.

CMF wires are available in Duratech and Ultra steel grades. Duratech is a micro-alloyed steel grade with a high wear resistance, Ultra offers the longest service life and is particularly recommended for state-of-the-art revolving flat cards and highest production outputs.

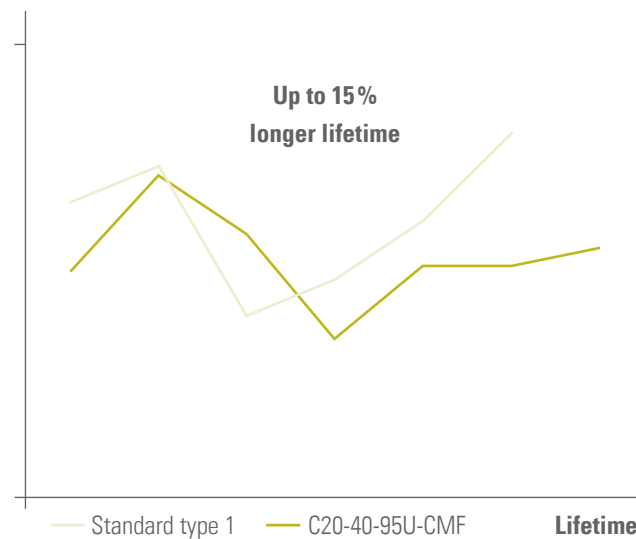
Ring yarn carded Ne30

IPI* values



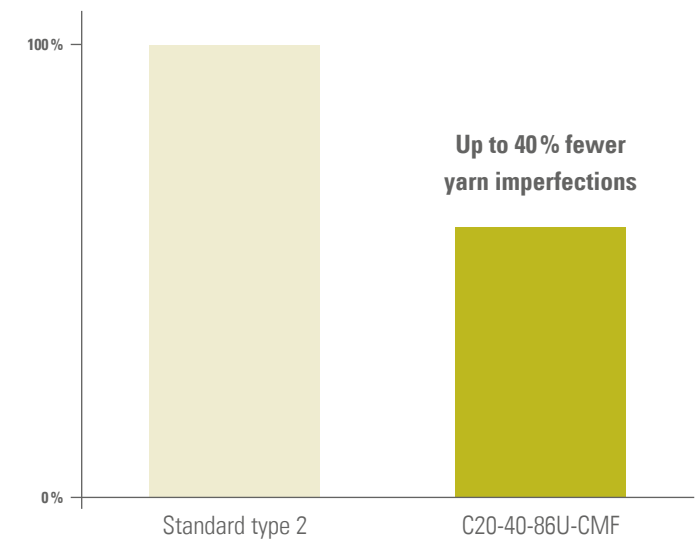
Ring yarn carded Ne30

Neps in card sliver



Open-end yarn Ne20

IPI* values



*IPI: Imperfection Indicator