

Metallic card clothing for carding  
Cotton yarn package



# Card Clothing for any Cotton Yarn Application



Uniquely performing cylinder wires and flexible flats  
for all requirements in cotton yarn production

# Differentiation Thanks to the Market Leader's Expertise

**Spinning mills using Graf's card clothing benefit from more than 100 years of experience and the resulting innovative power. We understand our business partners' needs in their daily challenges and they motivate us to offer solutions leading to success.**

One of the daily uncertainties concerns the raw material, which must be processed into a consistent yarn quality despite its variations.

Spinning mills using Graf technology components benefit from perfectly matching card clothing that help them to optimize all types of yarn applications, irrespective of whether cotton or cotton blends.

Without compromising on lifetime and process stability, spinning mills can produce yarn of equal quality, even with higher levels of contaminated cotton. Also challenges, such as increasing short fiber content or seed coat fragments, are taken into account in the development and recommendation of the respective products.

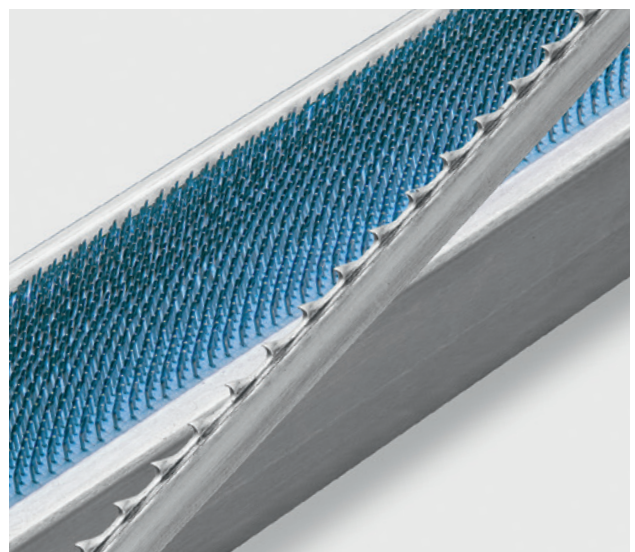
The comprehensive product range consisting of technology components for carding and combing, as well as a network of technical consultants and service engineers, enables partners to be successful.

## New metallic card clothing: Cylinder wire P 19 +40 S

- Consistent sliver quality independent of the trash content higher than 5% of the incoming cotton fibers, thanks to high process stability.
- Extended lifetime of up to 10% thanks to the robust design with increased blade width.

## New flexible flat: resist-O-top C-60 (RSTO C-60)

- By up to 15% decreased IPI values on fine count yarns as a result of improved parallelization of the fibers.
- Extended lifetime of more than 20% thanks to application related card wire diameter.

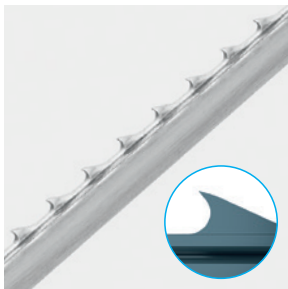
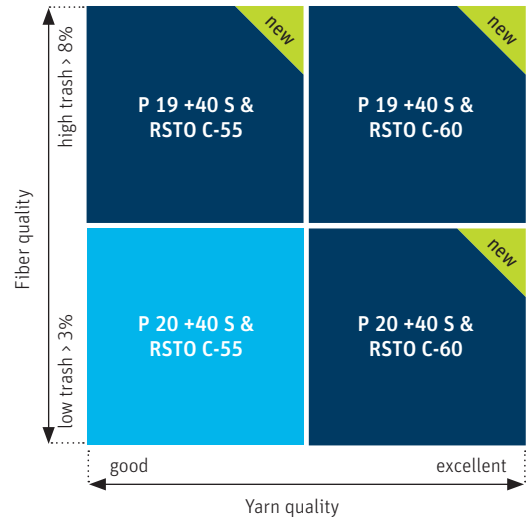


# Applications and Specifications at a Glance

## Choose the suitable combination of cylinder wire and flexible flats to perfectly operate your cards

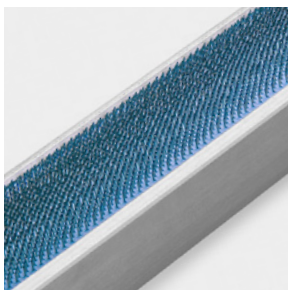
- Most suitable technology components for all applications and requirements in cotton yarn production
- Lowest yarn costs thanks to highest yield on raw material
- Smooth operation of consistent yarn quality throughout the entire card clothing lifetime
- Extended cylinder wire lifetime through CUTTYSHARP (+ 25%) and MULTISHARP (+ 50%) alloys
- 15% extended lifetime of Graf flexible flats compared to conventional flexible flats

Card clothing for all types of yarn applications



### Cylinder Wires


	Trash content ≤ 5%	Trash content > 5%
Product description	P 20 +40 S X0,4 CS	P 19 +40 S X0,4 CS
Alloy	CUTTYSHARP, MULTISHARP	CUTTYSHARP, MULTISHARP
Surface treatment	none, blank hardened	none, blank hardened
Height	2.00 mm	1.90 mm
Blade width	0.06 mm	0.09 mm
Points Per Square Inch (PPSI)	966	966
Breast angle	40°	40°



### Flexible flats

	Coarse count yarn < Ne 15 – 24	Medium and fine count yarn Ne 24 – 60	Superfine count yarn Ne 60 – 80 > Ne 80	
Product description	RSTO C-48	RSTO C-55	RSTO C-60	RSTO C-74
PPSI	480	550	600	740

No Limits in Processing Fibers

A close-up photograph of a person's hands holding a large, fluffy mass of white wool. The person is wearing a blue button-down shirt. The background is dark and out of focus.

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