

Nonwoven

A first glance

Graf clothings for roller card stand for the highest precision and quality

Graf has been manufacturing innovative flexible flat clothings, stationary flats for cards, metallic clothing for cards, roller cards and openers and combs for combers since 1917. Graf also applies its many years of extensive experience in the textile value chain to the nonwoven industry.

New geometries, first-rate materials and high-quality processing make Graf metallic card clothings for roller cards the outright quality leader in the market. The roller card clothing, which is produced for nonwoven manufacturers and well-known textile machinery suppliers, is produced at Graf's own production facilities in the Netherlands and Switzerland.

The clothings are manufactured independently from any machinery manufacturer to the highest quality level and with an unrivaled depth in vertical integration to continuously improve the carding and blending of fibers – the main task of a roller card. Graf metallic card clothings for roller cards, adapted to specific needs in the processing of man-made fibers and natural fibers, ensure optimum quality.

Customers not only benefit from a comprehensive range of products and services, including technical assistance, but also from a global sales and service network that guarantees proximity to customers and minimum response times – at any time.



Hipro

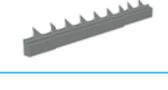
Thanks to an innovative geometry, first-class material and high-quality processing, Hipro metallic card clothing ensures superior performance and constantly good running characteristics over a long service life. Hipro metallic card clothing can be used on high-performance roller card systems and conventional machines, and is suitable for all standard man-made fibers in the nonwoven sector and also for wool.

It can be used on the following rollers: doffer, worker, stripper and condenser rollers. Depending on the requirements, the clothing comes in a standard profile or in an interlinked form.

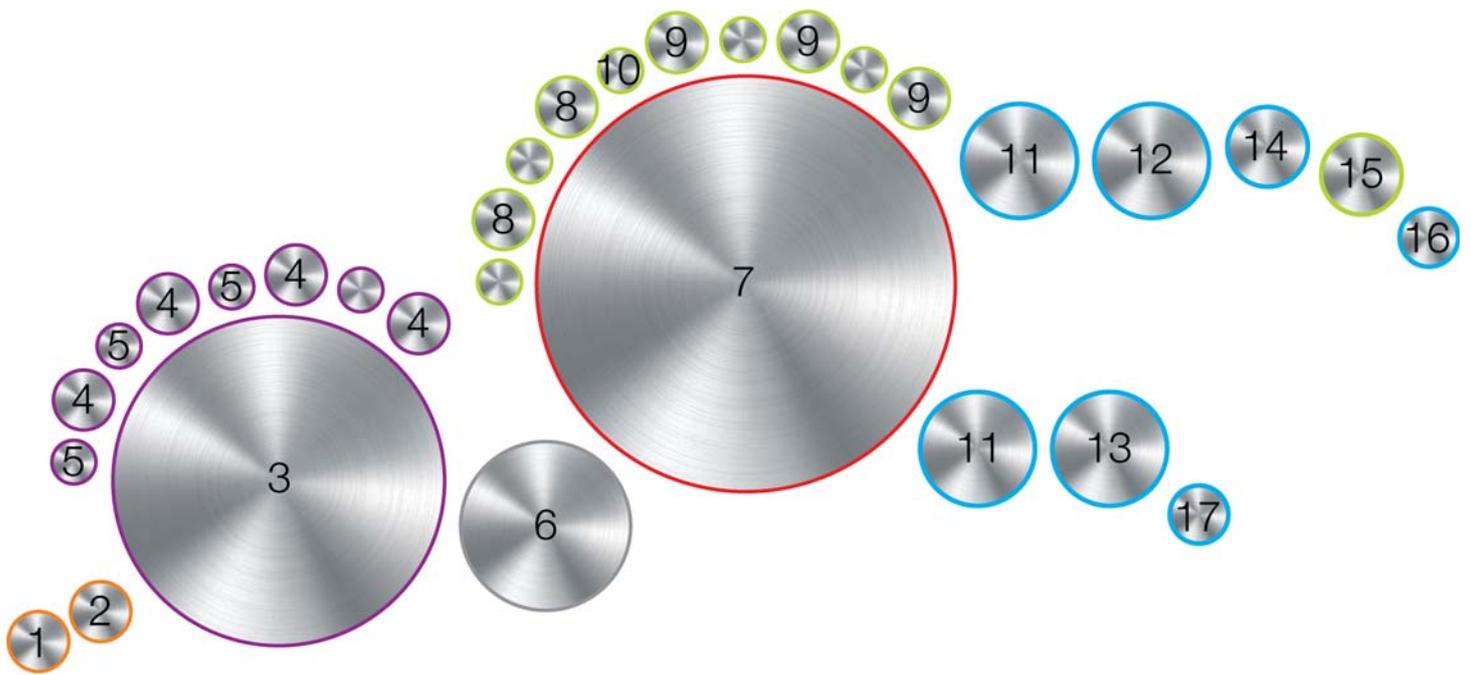
Customer advantages

- Increased production compared to conventional clothing
- Best processing and combination possibilities
- Improved emptying of cylinders, significantly reducing the loading risk
- Less nep formation and fiber damage
- Reduced fiber fly

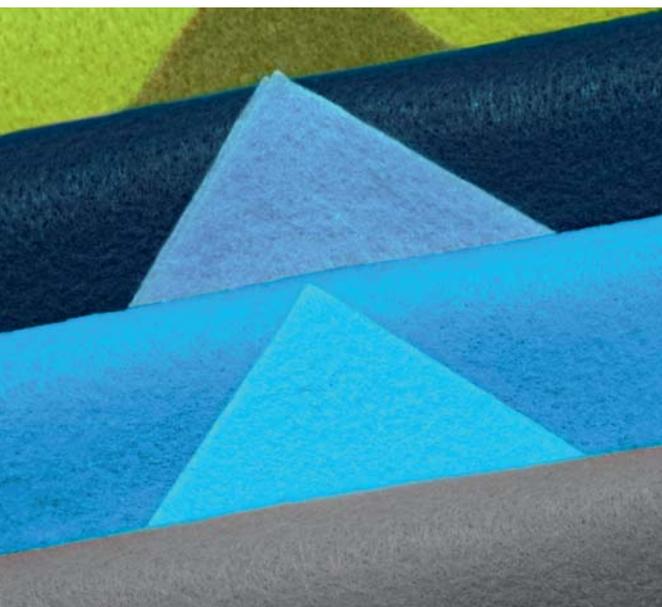
Individual solutions, perfectly tailored to customer needs

Position	Roller	Clothing MMF	p.p.s.i.	
1	Feed roller	V.E250-40--8	41	
2	Licker-in	V.G-5015--12	85	
3	Pre-roller	V.J23515--20	206	
4	Worker	V.H-5040G-20R	172	
5	Stripper	V.H-4030--20	172	
6	Transfer roller	V.G-5030--20R	148	
7	Cylinder	M-2510-X0,8	380	
8	Workers 1 and 2	H-50453X1,2-B Hipro	172	

Excerpt from the comprehensive Graf metallic card clothing product range.



Position	Roller	Clothing MMF	p.p.s.i.	
9	Workers 3 to 5	K-5040-X1,0-W	258	
10	Stripper	K-4045-X1,0-B Hipro	258	
11	Random rollers	T23315-X0,9-8 CUTTYSHARP	550	
12	Top doffer	K-4040-X0,85R	303	
13	Bottom doffer	K-4040-X0,85R	303	
14	1st Top condenser roller	H-50403X1,2-S	172	
15	2nd Top condenser roller	H-50452X1,4-B Hipro	147	
16	Take-off roller	E240-10X1,6-N Needle Finish	90	
17	Take-off roller	G240-281X1,8-N Needle Finish	107	



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