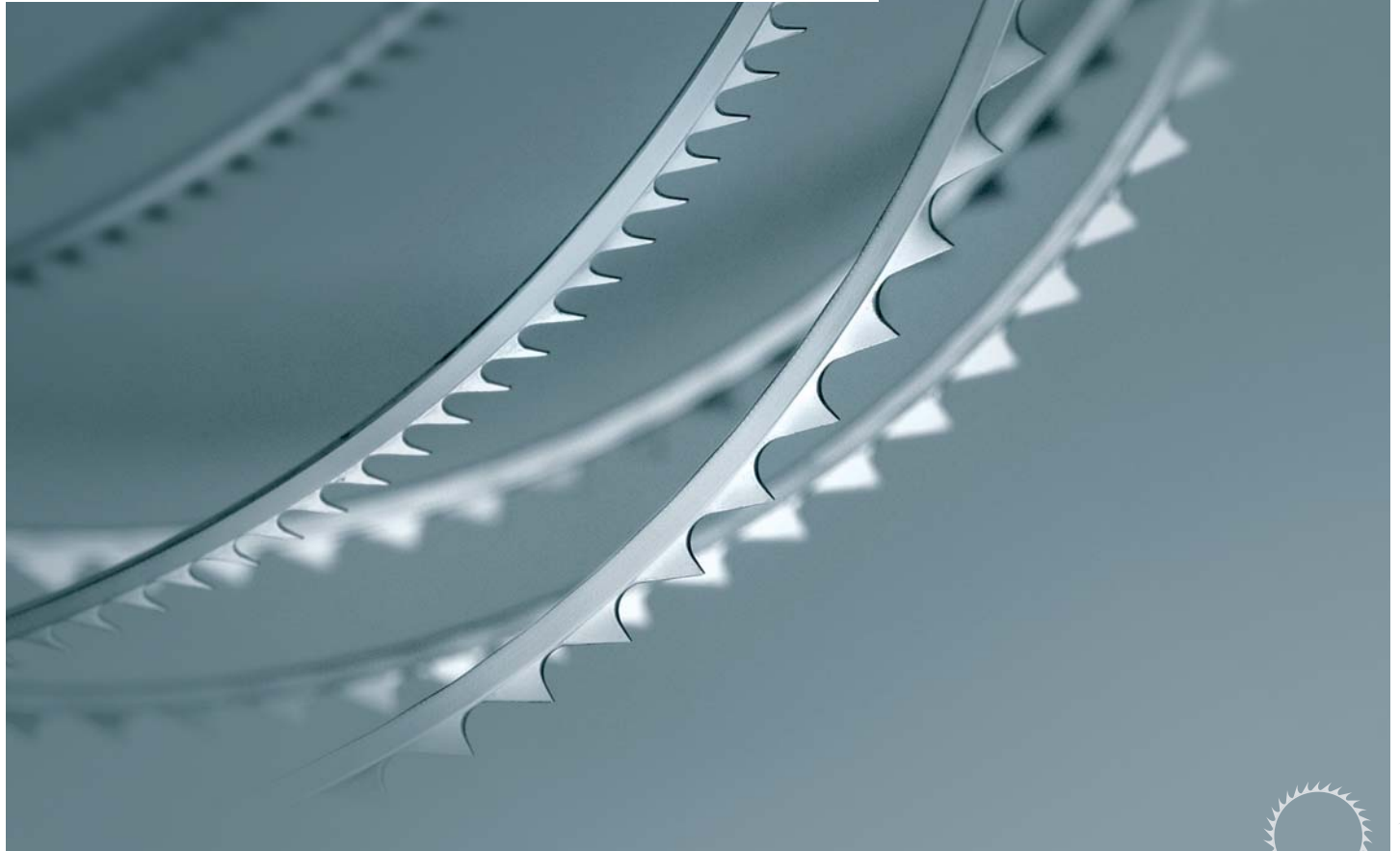




CARD CLOTHING

CONSULTING, SUPPLY AND SERVICE



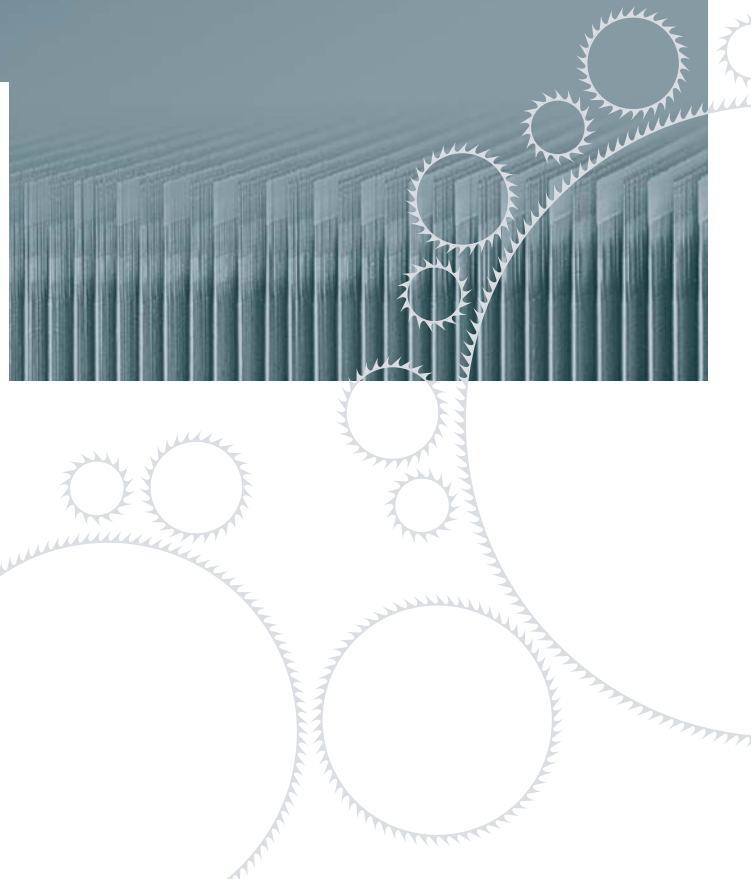
Card clothing for your nonwoven cards – optimized combinations for your specific application.

Groz-Beckert keeps in stock every required card clothing type for your nonwoven carding lines for immediate delivery on demand with no aggravating delays.

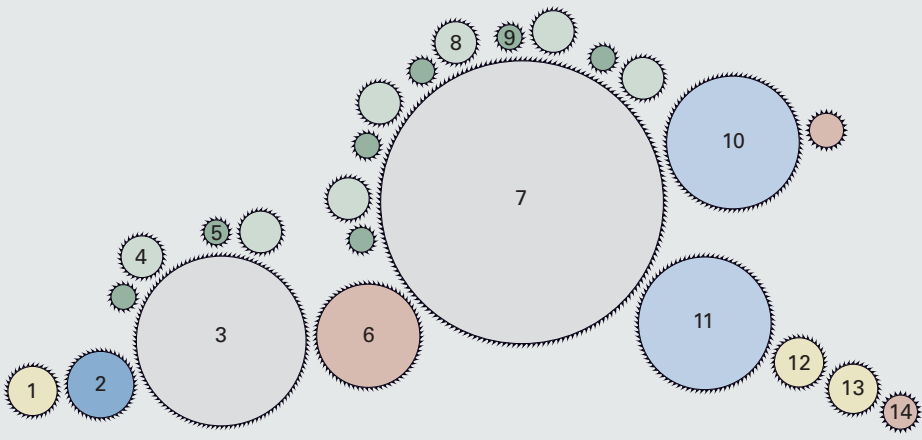
Professional mounting service on site - in line with your individual needs. Competitive, neutral, without red tape.

Utilize the full potential of raw materials and production facilities by using optimal selected card clothing combinations.

Minimize downtime of your nonwoven lines with a professional service package by Groz-Beckert.



APPLICATION EXAMPLE

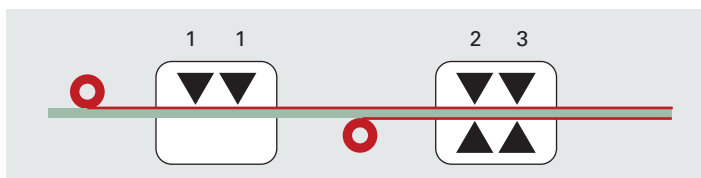


Customer data

Customer	
Location	
Country	
Order no.	
Card type	Sample card
Working width	2,500 mm
Line	
Product	Air filter
Raw material	100% PES
Fineness	0.90 ... 1.7 dtex
Fibre length	40 mm
Production	108 kg/h/m
	75 m/min
	24 g/m²

#	Roller designation	Ø	n	Part number	Designation	kg	metres
1	Feed roller	260	1		P20x060xV08x030 G11N21	44	663
2	Lickerin	350	1		P10x060xV10x050 G11N31	56	1.115
3	Breast cylinder	900	1		P15x040xV20x120 G11N31	110	5.733
4	Worker breast cylinder	220	2		P35x050xV20x160 G11N21	65	2.800
5	Stripper breast cylinder	130	2		P30x040xV16x125 G11N21	33	1.325
6	Transfer roller	550	1		P25x040xV20x140 G11N21	67	3.503
7	Main cylinder	1.500	1		P13x025x050x430 G11N41	155	24.270
8	Worker main cylinder	220	5		P40x040xV28x285 G13N21	142	9.804
9	Stripper main cylinder	130	5		P30x040xV20x160 G13N31	79	4.140
10	Doffer top	700	1		P35x040xV28x325 G13N22	90	6.239
11	Doffer bottom	700	1		P40x040xV28x310 G13N22	91	6.239
12	Condensing roller 1	260	1		P40x050xV20x140 G11N22	38	1.656
13	Condensing roller 2	260	1		P40x060xV20x115 G11N22	41	1.656
14	Take off roller	180	2		N30x040xV16x115 G11N22	43	1.834

Groz-Beckert needle recommendation



Product weight appr. 550 g/m²		
1	Pre-needling	15x18x40x3 R222 G 3067
	Penetration depth	11-13 mm
	Stitch density	40-50 E/cm²
2	Finish needling	
	Entrance boards	15x18x40x3 C222 G 3037
	Penetration depth	7-9 mm
3	Stitch density	200-250 E/cm²
	Exit boards	15x18x42x3 R222 G 2027
	Penetration depth	7-9 mm
	Stitch density	200-250 E/cm²