

## Applications guide

- Suitable for all sanding and grinding operations: with unsupported belt, sander pad and contact wheel
- Special designs for customised applications, e.g. for furniture production to enable fast and clean preparation of large surfaces ready for painting
- Wide range of sizes
- Paper and cloth backed
- All products with high tensile strength and optimum stretching resistance

Applications abrasive belts with paper backing						
Application	Type	Grain	Backing	Coating	Characteristics	Page
Steel, Stainless Steel	PS 20 F	Al. oxide	F-paper	●	Close coating and heavy, tear-resistant backing for high stock removal rate and a long service life for metal working	40, 74
	PS 21 F	Zirconia alumina	F-paper	●	Close coating, tear-resistant backing and high-quality, self-sharpening zirconia alumina grain for a long service life and high grinding performance particularly on stainless steel surfaces	40, 47
Stainless steel	PS 61 F	Ceramic al. oxide	F-paper	●	Close coating, tear-resistant backing and continuously self-sharpening ceramic grain, the perfect product for users with highest demands on service life, high stock removal rate and process reliability, for the processing of stainless steel surfaces	45, 79
Wood	PS 22 F ACT	Al. oxide	F-paper	●	Close coating for maximum stock removal and uniform scratch pattern regarding surface treatment of hard, low-content woods. ACT and antistatic properties prevent premature clogging	41, 75
	PS 26 F	Al. oxide	F-paper	○	Open coating and a surface with high electric conductivity through an antistatic additive prevent the electrostatic charge and premature clogging of the belt, for maximum efficiency and long service life, for all kinds of wood, particularly soft and high-resin woods, e.g. spruce, pine, etc.	42, 76
	PS 28 F	Al. oxide	F-paper	○	Open coating and antistatic properties prevent premature clogging of the belt with grinding dust, sturdy, tear-resistant backing, for all kinds of wood, particularly soft and high-resin woods, e.g. spruce, pine (Text von PS 23 F)	43, 77
	PS 29 F ACT	Al. oxide	F-paper	○	Abrasive belt with outstanding service life. Open coating, antistatic properties as well as ACT prevent premature clogging. The abrasive paper is particularly suitable for processing soft and high-resin woods	43, 77
	PS 38 G ACT	SiC	G-paper	●	Special product with very strong and robust G-weight paper backing, excellent antistatic properties and sharp-edged silicon carbide grain, for finishing of particle boards and fibreboards	78
Paint, varnish, filler	PS 24 F ACT	SiC	F-paper	●	Close coating, a stable backing with hard silicon grit for painted and coated surfaces in the timber and especially the furniture industry	41, 75
	PS 27 DW	SiC	D-paper	○	Open coating and a special stearate coating prevent premature clogging and loading of the belt. Special product for high-quality varnish surfaces, particularly UV varnish	42, 76

Applications abrasive belts with cloth backing						
Application	Type	Grain	Backing	Coating	Characteristics	Page
Steel	LS 309 J	Al. oxide	J-cotton	●	Flexible abrasive cloth for processing slightly profiled workpieces, high stock removal rate, particularly suited for metal	48
	LS 309 JF	Al. oxide	JF-cotton	●	Highly flexible abrasive cloth for highly profiled workpieces for the manufacture of fine surfaces in metal and wood working	48
	LS 309 X	Al. oxide	X-cotton	●	Universal abrasive cloth for metal and wood working, good price-performance ratio	46
	LS 309 XH	Al. oxide	X-cotton	●	Standard quality for portable belt sanders, especially suited for the processing of metal, wood, paint and varnish	69
	CS 310 X	Al. oxide	X-cotton	●	Abrasive cloth for metal and wood working with stable cloth backing, for heavy duty with particularly long service life	49, 80
	CS 410 X	Al. oxide	X-cotton	●	Abrasive cloth with tear-resistant backing for heavy-duty, multibond for long service life, especially suited for stainless steel processing	60
	CS 341 X	Al. oxide	X-cotton waterproof	●	Waterproof abrasive cloth for wet grinding on steel and stainless steel, particularly suited for centerless and surface grinding	59, 84
	CS 308 Y	Al. oxide	Y-polyester	●	Polyester abrasive cloth with close coating for working with metal and surface grinding of hardwood	46, 80
Steel / Stainless steel	CS 412 Y	Al. oxide	Y-polyester	●	Sturdy and highly tear-resistant polyester backing for coarse and intermediate grinding on metal	62, 86
	CS 310 XF	Al. oxide	XF-cotton	●	Flexible abrasive cloth for profiled metal formed parts, standard quality for use with hand tool belt grinders	50

● = close   ○ = semi-open   ○ = open

Continuation ➔



### Applications abrasive belts with cloth backing

Application	Type	Grain	Backing	Coating	Characteristics	Page	
Steel / Stainless steel	CS 411 X	Zirconia alumina	X-cotton	●	High-performance belt with high stock removal rate for rough grinding and deburring of steel and stainless steel	60	
	CS 411 Y	Zirconia alumina	Y-polyester	●	Particularly tear-resistant high-performance belt with high stock removal rate for rough grinding and deburring of stainless steel and steel	61, 85	
	CS 416 Y	Zirconia alumina	Y-polyester	◐	Extra tear-resistant abrasive belt with high stock removal rates for grinding steel and stainless steel with a semi-open coating	62	
	CS 330 X	SiC / cork	X-cotton waterproof	●	Special belt for steel and stainless steel on surface belt grinders and circular grinding machines, particularly suitable for satin polishing and finishing	57, 83	
	CS 811 Y ACT	Zirconia alumina	Y-polyester	●	Excellent grain adhesion, stable, highly tear-resistant polyester backing for particularly high duty during rough grinding and deburring of steel and stainless steel. High-quality zirconia alumina for highest aggressiveness over the complete service life	65	
Stainless steel	LS 312 JF	Al. oxide	JF-cotton	●	Highly flexible, specially coated high-quality product for stainless steel shaped parts e.g. fittings, mountings and surgical instruments	52	
	LS 313 JF	Al. oxide	JF-cotton	●	Highly flexible high-quality product for stainless steel shaped parts, additional multibond for cool grinding and long service life	52	
	CS 631 JF	Ceramic al. oxide	JF-cotton	◐	Extremely flexible highly efficient abrasive belt for best grinding performance, self-sharpening ceramic grain for long service life, suited for the finishing of contours, profiles, fittings, additional multibond for cool grinding	64	
	GX 712 JF	Al. oxide	JF-blended cloth	●	High-performance belt with highly flexible, but nonetheless equipped with extremely tear-resistant blended cloth backing, tempered aluminium oxide and coated materials	65	
	CS 329 JF	Al. oxide agglomerate	JF-cotton		Long life belt with particular long service life and constant scratch pattern. Special product for the dry grinding of slightly and strongly profiled parts in the stainless steel processing industry	56	
	CS 631 XF	Ceramic al. oxide	XF-cotton	◐	Flexible highly efficient belt for best grinding performance, long service life through self-sharpening ceramic grain for rough and intermediate grinding of contours, profiles and fittings, with multibond for cool grinding	64	
	CS 411 X	Zirconia alumina	X-cotton	●	High-performance belt with high stock removal rate for rough grinding and deburring of steel and stainless steel	60	
	CS 411 Y	Zirconia alumina	Y-polyester	●	Particularly tear-resistant high-performance belt with high stock removal rate for rough grinding and deburring of stainless steel and steel	61, 85	
	CS 416 Y	Zirconia alumina	Y-polyester	◐	Extra tear-resistant abrasive belt with high stock removal rates for grinding steel and stainless steel with a semi-open coating	62	
	CS 409 Y	Zirconia alumina	Y-polyester	●	Extremely tear-resistant high-performance belt with high stock removal efficiency and long service life due to additional multibond, for stainless steel and high-alloy steels, cool grinding	59, 85	
	CS 912 Y ACT	Ceramic al. oxide	Y-polyester	●	Extremely tear-resistant high-performance belt with self-sharpening ceramic grain for high stock removal efficiency and long service life for processing high-alloy steels	66, 87	
	CS 910 Y ACT	Ceramic al. oxide	Y-polyester	●	Extremely tear-resistant high-performance belt with self-sharpening ceramic grain for high stock removal efficiency and long service life for processing high-alloy steels, multibond for cool grinding	66	
	CS 330 X	SiC / cork	X-cotton waterproof	●	Special belt for steel and stainless steel on surface belt grinders and circular grinding machines, particularly suitable for satin polishing and finishing	57, 83	
	CS 326 Y	Al. oxide agglomerate	Y-polyester		Long-life belt for wet grinding with extremely long service and uniform scratch pattern for centerless circular and surface grinding	55, 82	
	CS 329 Y	Al. oxide-Agglomerat	Y-polyester		Long-life belt with very long service life and constant surface finish for centerless circular and surface grinding. Aggressive grinding behaviour with low tool pressure	56, 83	
	CS 420 Y	Al. oxide agglomerate	Y-polyester		Special product with knob structure for the centerless finishing of stainless steel. Very long service life and uniform scratch pattern	63	
	CS 325 Y	SiC agglomerate	Y-polyester		Long-life belt with particular long service life and constant surface finish for centerless finishing	55	
	CS 811 Y ACT	Zirconia alumina	Y-polyester	●	Excellent grain adhesion, stable, highly tear-resistant polyester backing for particularly high duty during rough grinding and deburring of steel and stainless steel. High-quality zirconia alumina for highest aggressiveness over the complete service life	65	
	NF metals	CS 333 JF	SiC	JF-cotton	●	Highly flexible abrasive belt for metal shaped parts, particularly suited for NF metals	58
		CS 333 XF	SiC	XF-cotton	●	Flexible abrasive belt for metal shaped parts, particularly for NF metals	58
GX 533 JF		SiC	JF-blended cloth	●	Flexible belt with aggressive, hard SiC grit and flexible blended cloth backing for grinding profiles, contours and formed/shaped parts, e.g. fittings	63	
GX 712 JF		Al. oxide	JF-blended cloth	●	High-performance belt with highly flexible, but nonetheless equipped with extremely tear-resistant blended cloth backing, tempered aluminium oxide and coated materials	65	

● = close   ◐ = semi-open   ○ = open

Continuation ➔

Applications abrasive belts with cloth backing						
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Wood	LS 309 X	Al. oxide	X-cloth	●	Universal abrasive cloth for metal and wood working, good price-performance ratio	46
	LS 309 XH	Al. oxide	X-cloth	●	Standard quality for portable belt sanders, especially suited for the processing of metal, wood, paint and varnish	69
	CS 311 Y ACT	Al. oxide	Y-polyester	○	Aluminium oxide quality with an open coating on tear-resistant polyester backing for calibration and intermediate grinding when working with wood	51, 81
	CS 308 Y	Al. oxide	Y-polyester	●	Polyester abrasive cloth with close coating for working with metal and surface grinding of hardwood	46, 80
	LS 318 JF ACT	Al. oxide	JF-cloth	○	Highly flexible J-Flex backing for intermediate sanding and finishing of highly profiled and curved wooden parts. ACT and antistatic properties prevent premature clogging	53
	CS 538 Z ACT	SiC	Z-polyester (can be segmented)	●	Special product for the timber products industry. A close coating and anti-static technology ensure an optimal service life. The sharp silicon carbide easily penetrates high-density material surfaces	86
Plastic	GX 533 JF	SiC	JF-blended cloth	●	Flexible belt with aggressive, hard SiC grit and flexible blended cloth backing for grinding profiles, contours and formed/shaped parts, e.g. fittings	63
Plastic / glass	CS 333 X	SiC	X-cloth	●	Abrasive cloth with tear-resistant backing for heavy-duty and long service life for the processing of glass, ceramics, plastic and scale (dry grinding)	57
	CS 320 Y	SiC	Y-polyester	●	Highly tear-resistant special belt for high demands for wet and dry grinding of glass, ceramic and plastic	53, 81
	CS 321 X	SiC	X-cloth	●	Special belt for wet and dry grinding of glass, ceramic and plastic	54, 82
Glass	CS 322 X	(Cork)	X-cloth waterproof		Special belt for polishing glass	54

Applications non-woven web belts						
Application	Type	Grain	Backing	Coating	Characteristics	Page
Stainless steel	NBF 800	Al. oxide	Non-woven web + polyester lining		Special product for working metal and stainless steel surfaces with a tool belt grinder. Very high service life, no premature clogging, high edge stability, tear resistant belt joint	67
	NBS 800	Al. oxide	Non-woven web + polyester lining		Structure as for NBF 800, though for handheld machines with larger pulleys and stationary belt sanders	68
	NBS 850	Al. oxide	Non-woven web + polyester lining		Special product for working metal and stainless steel surfaces. Soft, flexible design particularly suited for working on profiled surfaces	68

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### Minimum order quantities for manufactured items

Width	Minimum order quantities
3 - 50 mm	30 pieces
51 - 60 mm	25 pieces
61 - 75 mm	20 pieces
76 - 100 mm	15 pieces
101 - 150 mm	10 pieces
151 - 300 mm	10 pieces
301 - 400 mm	30 pieces
401 mm and wider	10 pieces

### Minimum order quantities NBF 800 / NBS 800

Width	Minimum order quantities
3 - 6 mm	40 pieces
7 - 13 mm	20 pieces
14 - 30 mm	10 pieces
31 - 75 mm	5 pieces
≥ 76 mm	2 pieces

**On principle, master belts are cut up in 300 mm so that additional quantities, delivery of which has been taken, or short shipments can occur.**

### Belt joints for long and short belts

KLINGSPUR supplies belts with various types of joints. The type of joint you require depends on the work involved and the machine you are using. The following illustrations show the usual types of joint.

The available types of joint are listed in the product charts on the following product pages.

**If the product you require is not in stock, we will manufacture it for you subject to a minimum order quantity.**



Belts

	<p><b>Type 1</b> Diagonal cut, glued overlapped.</p>		<p><b>Type 5</b> Overlapping glued joint. Grit zone is completely ground off. Preferred joint for wood finishes with flat contact elements</p>
	<p><b>Type 2</b> Diagonal cut, glued overlapped. Grain tips are completely removed from the overlap to provide for a smoother running belt</p>		<p><b>Type 6 G</b> Diagonal cut, butt joint with cloth-reinforced foil glued on grit side. Grit zone is completely ground off. Use on machines with planar contact elements.</p>
	<p><b>Type 3 G</b> Zig zag joint, with cloth-reinforced foil backing, impact-free working at very sensitive parts, in particular glass.</p>		<p><b>Type 7 G</b> Sine joint, with cloth-reinforced foil backing, impact-free working at very sensitive parts, for demanding requirements.</p>
	<p><b>Type 4 G</b> Diagonal cut. Butt joint with cloth-reinforced-foil backing. Also suitable for working at unsupported belts, for demanding requirements.</p>		<p><b>Type 3 W / 4 W</b> Special belt joint for non-woven web belts. Tape reinforced butt joint with additional frontal adhesion.</p>

The chart alongside contains all the standard types of machines. Please contact us if you cannot find the machine used by you on this list. We will be pleased to assist you further.

## Pad/stroke, edge and profile sanding machines

Manufacturer	Type	Abrasive belt size	
		Width in mm	Length in mm
Bütfering	E-Line 113	370	1900
CMC	KL 150	150	2250
	KL 150 OS	150	2400
	CL 260	120 / 150	7050
	CL 300	120 / 150	7850
Fein	GX 75 / 75 2H, GXC, GI 75 / 75 2H, GIS 75	75	2000
	GXR	75	2250
	GICS	75	3000
	GIM, GIC	75 / 150	2000
	GI 100	100	1000
	GI 150 / 150 2 H, GIL, GIS 150	150	2000
	GIR	150	2250
Flott	TBSM 75	75	1000
	BSM 75, BSM E1, BSM 75 A, BSM 75 A/POL	75	2000
	BSM 150, BSM 150 A, BSM 150 A/pol	150	2000
	KSM 150, KSM 250, KOS 150	150	2250
	KOS 250	250	2250
Greif	S 40	max. 100	3500
	D30 HFS 100	max. 100	2000
	D30 HFS 100/150	100/150	2500
	R 40 HFS 150/200	200	3500
	D 20-2-2	30 - 50	1250
	D 30-2-2	50 - 100	2500
	D 40-2-2	50 - 100	3500
Heesemann	SZ 2	60	2300
	UKP 20	80	2300
	HG-U	220	2000
	FPA 8	130	1900
	KFA, MFA 10	150	5400
	MFA 10	150	7000
	MFA 10	1400	2620/3250
Hema	BA 2-2300	150	8500
	HWS 200	20	1810
	KB 202	20	2040
	BB 315/S+P	25	2220
	BB 315/3+3P	25	3150
	SR 400	25	3320
	SR 500	25	4080
	SR 600/UH 630	25	4500
Hess	TBS 3000	120	1200
	PSM 300	25/50	2360
Holzmann	Junior, Expert	200	1850
	Gloria	200	1600
	MSM 75	75	2000
	DSM 100200B	100	915
	MSM 100 L	100	1220
	MSM 150, KS 2000	150	2000
	BT 1220	150	1220
	KOS 2260	150	2260
	KOS 2510	150	2510
	KOS 2600P, KOS 2600 C	150	2600
	KOS 2740	150	2740
	BS 2000 XL, BS 2400 XL	150	6000
	PB 2400, PBN 2400, BS 2400, BKS 2400 XL, BSM 2600 P	150	6800
KOS 3000 P	200	3000	
Holzkraft	BTS 200	152	1219
	Unilev 150	150	2170
	KSM 801, KSO 150	150	2200
	KSO 81	150	2250
	KSO 1500	150	2280
	LBSM 2505	150	6400
	LBSM 2505 ESE	150	7000
	LBSM LS 2500	150	7100
	LBSM 3005 ESE	150	8000
	LBSM LS 3000	150	8100
	KSO 200	200	2200

Manufacturer	Type	Abrasive belt size	
		Width in mm	Length in mm
Johannsen	T 47	max. 150	2800
	T 48	200	3000
	T 93 Start	150	7400
	T 94 Standard, T 94 Super, T 85, T 95 Profi, T 95 Exclusiv	150	7800
Kündig	T 98	150	8200
	Uniq, Basiq, Uniq S	150/200	2000
Kuhlmeyer	ZBS 2, PBM 3	100	9000
	ZBS 3	100	11200
	PBM 4	100	11000
	ZBS 4	100	13200
	GS 2 - 6000	300	16300
	GS 2 - 9000	300	22300
	GS 2 - 12000	300	28300
	BKK 1/2, BKK 2	120	2240
	FF 1, UKF 1.1, FF 3.1	120	2300
	UKF 2	120	2500
	KFS	150	2500
Löser	BS 75/-A/-W	100	950
	HSF / HSDSF	100 - 200	500 - 5500
	BS 200/-W	200	1500
	BS 300/-W	300	2000
	RPS 336, RP+S 377, SP 377, HSRG 377, ZSP 377	150	3500
	RP+S 374	150	2500/3500
	TP 80/TP 80S	30	740
	KS 100	5 - 100	3500/4000
	KS 360	5 - 75	2500
	KS 350	5 - 75	3500/4000
	KS 363	6 - 50	2500
Löwer	EB 2	50	2000
	EB 3-S	max. 100	3500
	FS 384/150-G1, SP 337, SP 374, HSD	150	2500
	SP 352	150	3000
	SP 380, RPS 376	150	3500
	KS 225	150	2250
	KSM 1	150	2580
	KSM 2	150	2630
	SmartGrinder SG 150/300	150/300	3000
	LS 200, DSM 1000	200	1600
	DSM 2000, DSM 2004	200	1800
DSM 3000, DSM 3004, HBS 300, HBS 302, LS 300, Multi 300, HBS VR	300	1800	
HBS 400/HBS 400u/HBS 4000, Multi 400, HBS 4000 BB	400	1800	
Combi Queen	500	1800	
Niederberger	P2/P5	50-200	2500
	P4	100-420	2500
	P6	320-420	2500
Quick Wood	Elicoid	40	1780
Scheppach	BGS 700	50	686
	CSM 405	77	2400
	BTS 900x	100	915
	ISE 600	150	1500
	BSM 2010, KSM 2000	150	2000
	KSM 2500	150	2515
	SLIK 7	150	2740
SCM	TecnoMax UNILEV 150	150	2170
	TecnoMax LS	150	7100
Stähle	Saturn E, Saturn Quattro	200	1800
	Saturn Duo Comfort	200-320	1800
Vobhag	ERS 25, EFS25, VFS 25	250	2500
	VFS 42, DSM 42	420	2500
	DSM 46	460	2500
	VFS 52	520	2500
	DSM 46/600	600	2500
Wegoma	KS2250/P	150	2250
	KS2400	150	2400
	KS2600, KS2600FU	200	2600



### Portable sanding belt

Manufacturer	Type	Dimensions in mm	
AEG powertools	HBS 65, HBSE 65	65 x 410	
	HBSE 600, HBS 1000 E	75 x 533	
	RBSE 75 AE, RBSE 75 S	75 x 533	
	HBS 100	100 x 560	
	HBSE 100	100 x 560	
	BBS 1100	100 x 560	
	BBSE 1100	100 x 560	
Atlas Copco	HBSE 75 S	75 x 533	
	HBSE 75	75 x 533	
	MBSE 705	75 x 533	
	BBS 100	100 x 620	
BBSE 100	BBSE 100	100 x 620	
	KA 290, KA 900 E	13 x 451	
	KA 292	13 x 451	
Black & Decker	KA 293 E	13 x 451	
	KA 83	65 x 410	
	KA 83 E	65 x 410	
	BS650	65 x 410	
	BD 83	65 x 410	
	BD 83 E	65 x 410	
	DN83	65 x 410	
	DN83E	65 x 410	
	KA 85 EK	75 x 457	
	KA 85, KA 86	75 x 457	
	P 61-03	75 x 508	
	BD 75	75 x 508	
	BD 85	75 x 508	
	SR 500 E	75 x 508	
	KA 75, KA 75 E, KA 88, XTA80EK	75 x 533	
	Bosch	GVS 350 AE	40 x 303
		PVS 300 AE	40 x 303
PBS 60		60 x 400	
PBS 60 E		60 x 400	
GBS 75 AE		75 x 533	
PBS 75		75 x 533	
PBS 75 A		75 x 533	
PBS 75 AE		75 x 533	
PBS 75 E		75 x 533	
PBS 7 A, PBS 7 AE		75 x 457	
GBS 100 A		100 x 620	
GBS 100 AE		100 x 620	
DeWalt		D26480	64 x 356
	MHB158	75 x 480	
	MHB158 E	75 x 480	
	MHB 157	75 x 480	
	MHB 157 E	75 x 480	
	DW430, DW431	75 x 533	
	DW 432/ DW 433	75 x 533	
	MHB90	100 x 560	
	MHB90 E	100 x 560	
	MHB90K	100 x 560	
	DW650	100 x 560	
	DW650E	100 x 560	
	Einhell	BBS 240, BBS 240/1	50 x 686
BBS 720, BBS 850 E, BT - BS 850 E		75 x 457	
RT-BS 75, BT - BS 850/1 E		75 x 533	
BBS 1200		100 x 610	
Festool	BF1	6/12/16/19 x 520	
	BS 75, BS 75E, BS 75E-Set	75 x 533	
	BS 105, BS 105E, BS 105E-Set	105 x 620	
Fein	RS 12-70 E	20 x 815	
	RS 10-70 E	30 x 533	
Felisatti	TP 411, BSF 76/900	75 x 533, 76 x 533	
	BSF 100/1200E	100 x 610	

Manufacturer	Type	Dimensions in mm
Flex	LBS 1105 VE	4/9/30 x 520/533
	LBS 1105 VE Set	4/9/30 x 520/533
	LBR 1506 VRA	40 x 618
	LRP 1503 VR	40 x 675
	LRP 1503 VRA	40/20 x 760
Hitachi	SB - 75, SB8V2	75 x 533
	9924 DB	75 x 610
	SB 10 T, SB 10 V	100 x 610
	SB 10 V2, SB 10 S2	100 x 610
SB 110	SB 110	110 x 620
	2405	65 x 410
	2406	65 x 410
	2410, 2411, 2420	75 x 533
HOLZ HER	2422	105 x 620
	2423	105 x 620
	2424	105 x 620
	CBS 6800 E	65 x 410
Kress	15003	3,6/13 x 305
	14000, 14021, 14021 F	3/6,5/13 x 610/863/1118
	40320	6/12 x 305/457
	11475, 11476, 11476 EL, 11486, 11486 EL	25 x 760
	11477, 11477 EL, 11450, 11450 EL	50 x 760
	14300, 14303	50 x 863
	14306	50 x 1143
	52900	75 x 610
	9032	9 x 533
	9031	30 x 533
Löser	9910/9911	75 x 457
	9901	75 x 533
	9902/9903	75 x 533
	9900	75 x 533
	9924 DB	75 x 610
	9920	75 x 610
	9402	100 x 610
	9403	100 x 610
	9404	100 x 610
	9924 DB	100 x 610
Makita	BFE 9-90 SET	6-19 x 457
	12-180 SET	40 x 760
	Ba 0775, BAE 75, Ba E 1075	75 x 533
	Ba E 0876 Signal	75 x 533
	Ba 6100	100 x 620
Metabo	HBSE 75 S	75 x 533
	BS 100 LE	100 x 620
	PB 600	75 x 457
	PAB 75	75 x 533
Milwaukee	B 850 F	75 x 533
	BE-321	75 x 533
	EBS 9576V, EBS 8021 V, EBS 800 V	75 x 533
	B - 7075, B - 7076, BE - 7075	75 x 533
	B - 7100	75 x 610
	B 422, BE 422, BE-1056	100 x 560
	B-7200 A, BE - 422, B/BE 424	100 x 610
	BE - 4240, EBS 1310 VF HG	100 x 610
	1100, 1200, 1205, 1200 H, 1205 H, 1210, 1210 AA 7600, 7610 AD, 7610 AA, 7620 AA, 7675, 1220 MA, 7630	75 x 457
	5903	75 x 508
Peugeot	594 U, 595 U, 7640MA	75 x 533
	7650 AA, 7650 AE, 4640 MA	75 x 533
	1400	100 x 552
	7660 MA	100 x 610 / 620
Ryobi	2 N 75	75 x 457
	LEN 751 E	75 x 533
	LEN 610	100 x 610
	LEN 690	100 x 690
SKIL	UBC 10-R	3/6/12/16/19 x 520
	UBK 6-R	35 x 450
	UTC 7-R	30 x 533
Stayer	UTG 9-R	30 x 610
	UBK 6-R	35 x 450
Suhner	UTC 7-R	30 x 533
	UTG 9-R	30 x 610

**Abrasive paper**  
**PS 20 F**

**Advantages**

Universal type for finish grinding of steel, stainless steel and other metals ■ High stock removal rate

**Applications:**

- Metals
- NF metals
- Stainless steel
- Steel

**Bonding agent**

Resin

**Grain**

Aluminium oxide

**Coating**

Close

**Backing**

F-paper


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
						■	■	■	■	■	■	■	■		■		■								

All sizes and minimum purchasing quantities available on request

**Abrasive paper**  
**PS 21 F**

**Advantages**

High aggressiveness and long service life due to self-sharpening zirconia alumina ■ Specially developed for rough grinding through finish grinding of stainless steel surfaces

**Applications:**

- Stainless steel
- Metals
- Steel

**Bonding agent**

Resin

**Grain**

Zircon. alumina/Al. oxide

**Coating**

Close

**Backing**

F-paper


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
				■		■	■	■	■	■	■	■	■	■	■		■								

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**

## Abrasive paper, ANTISTATIC

### PS 22 F ACT



#### Advantages

High removal rate, fine surface scratch pattern ■ Specially developed for finish grinding of hardwood ■ Reduced clogging and longer service life due to ACT recipe and antistatic properties

#### Applications:

- Wood
- Metals
- NF metals
- Paint/Varnish/Filler
- Plastic

#### Bonding agent

Resin

#### Grain

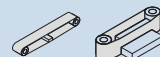
Aluminium oxide

#### Coating

Close

#### Backing

F-paper



Belts

#### Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
				■	■	■	■	■	■	■	■	■	■	■	■	■	■								

All sizes and minimum purchasing quantities available on request

## Abrasive paper, ANTISTATIC

### PS 24 F ACT



#### Advantages

For hard and tough surfaces ■ Finely sanded and varnish surfaces in the wood and furniture industry ■ Long service life due to ACT recipe and antistatic properties

#### Applications:

- Paint/Varnish/Filler
- Plastic
- Wood

#### Bonding agent

Resin

#### Grain

SiC

#### Coating

Close

#### Backing

F-paper



#### Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000
							■		■	■	■	■	■	■	■	■	■	■	■	■				

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**



**Abrasive paper SUPER ANTISTATIC  
PS 26 F**

**Advantages**

Especially high-quality type for solid wood and veneer ■ Very long service life ■ No dust adhesion due to perfect antistatic properties

**Applications:**

- Wood

**Bonding agent**

Resin

**Grain**

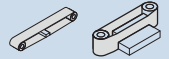
Aluminium oxide

**Coating**

Open

**Backing**

F-paper


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
							■	■	■	■	■	■													

All sizes and minimum purchasing quantities available on request

**Abrasive paper, ANTISTATIC  
PS 27 DW**

**Advantages**

Special product for high-quality varnish surfaces, especially UV finishes ■ Substantially reduced clogging and longer service life due to additional special coating ■ Very fine surface scratch pattern

**Applications:**

- Paint/Varnish/Filler
- Aluminium

**Bonding agent**

Resin

**Grain**

SiC

**Coating**

Open

**Backing**

D-paper


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
											■	■	■	■	■	■	■	■	■						

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**

## Abrasive paper, ANTISTATIC

### PS 28 F

**NEW**



### Advantages

Universal belt for general woodworking, especially softwood ■ Excellent price/performance ratio

### Applications:

- Wood

### Bonding agent

Resin

### Grain

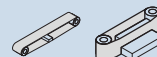
Aluminium oxide

### Coating

Open

### Backing

F-paper



Belts

### Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
				■	■	■	■	■	■	■	■	■													

All sizes and minimum purchasing quantities available on request

## Abrasive paper, ANTISTATIC

### PS 29 F ACT



### Advantages

High-quality universal belt for general woodworking, especially softwood ■ Reduced clogging and longer service life due to ACT recipe and antistatic properties

### Applications:

- Wood

### Bonding agent

Resin

### Grain

Aluminium oxide

### Coating

Open

### Backing

F-paper



### Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
				■	■	■	■	■	■	■	■	■	■	■	■		■								

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number		
150 x 2000	80	F5	10	307797		
150 x 2000	100	F5	10	307798		
150 x 2000	120	F5	10	307799		
150 x 2170	80	F5	10	307800		
150 x 2170	120	F5	10	307801		
150 x 2250	60	F5	10	307802		
150 x 2250	80	F5	10	307803		
150 x 2250	100	F5	10	307804		
150 x 2250	120	F5	10	307805		
150 x 2250	150	F5	10	307806		
150 x 2280	80	F5	10	307807		

Continuation →

Other sizes available on request.

Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.

**Continuation of PS 29 F ACT, Abrasive paper, ANTISTATIC**

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number		
150 x 2280	100	F5	10	307808		
150 x 2280	120	F5	10	307809		
150 x 2280	150	F5	10	307810		
150 x 2600	80	F5	10	307811		
150 x 2600	100	F5	10	307812		
150 x 2600	120	F5	10	307813		
150 x 3000	80	F5	10	307814		
150 x 3000	100	F5	10	307815		
150 x 3000	120	F5	10	307816		
150 x 6630	80	F2	10	307817		
150 x 6630	100	F2	10	307818		
150 x 6630	120	F2	10	307819		
150 x 6630	150	F2	10	307820		
150 x 6800	80	F2	10	307821		
150 x 6800	100	F2	10	307822		
150 x 6800	120	F2	10	307823		
150 x 6880	80	F2	10	307824		
150 x 6880	100	F2	10	307825		
150 x 6880	120	F2	10	307826		
150 x 6880	150	F2	10	307827		
150 x 7100	60	F2	10	307828		
150 x 7100	80	F2	10	307829		
150 x 7100	100	F2	10	307830		
150 x 7100	120	F2	10	307831		
150 x 7100	150	F2	10	307832		
150 x 7200	80	F2	10	307833		
150 x 7200	100	F2	10	307834		
150 x 7200	120	F2	10	307835		
150 x 7500	80	F2	10	307837		
150 x 7500	100	F2	10	307838		
150 x 7500	120	F2	10	307839		
150 x 7800	80	F2	10	307840		
150 x 7800	100	F2	10	307841		
150 x 7800	120	F2	10	307842		
150 x 7800	150	F2	10	307843		
200 x 1600	80	F5	10	307844		
200 x 1600	100	F5	10	307845		
200 x 1600	120	F5	10	307846		
200 x 3000	80	F5	10	307847		
200 x 3000	100	F5	10	307848		
200 x 3000	120	F5	10	307849		
200 x 3000	150	F5	10	307850		

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**



## Abrasive paper

### PS 61 F



## Advantages

Continuously aggressive abrasive behavior due to micro-crystalline and self-sharpening ceramic grit ■ High-performance abrasive belt for stainless steel finish grinding

## Applications:

- Stainless steel
- Steel
- Wood

## Bonding agent

Resin

## Grain

Ceramic Al. oxide

## Coating

Close

## Backing

F-paper



Belts

## Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
						■	■		■	■	■	■	■	■											

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**

**Abrasive cloth**  
**CS 308 Y**

**Advantages**

Tear-resistant universal abrasive cloth for metalworking and for hardwood finish grinding ■ Excellent removal rate under high stress

**Applications:**

- Stainless steel
- Wood
- Steel
- NF metals
- Plastic

**Bonding agent**

Resin

**Grain**

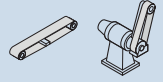
Aluminium oxide

**Coating**

Close

**Backing**

Y-polyester


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
				■		■	■	■	■	■	■		■												

All sizes and minimum purchasing quantities available on request

**Abrasive cloth**  
**LS 309 X**

**Advantages**

Universal belt for metalworking and woodworking ■ Excellent price/performance ratio

**Applications:**

- Metals
- NF metals
- Wood

**Bonding agent**

Resin

**Grain**

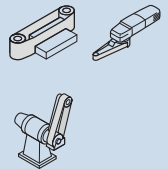
Aluminium oxide

**Coating**

Close

**Backing**

X-cotton


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
				■	■	■	■	■	■	■	■	■	■	■	■	■									

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number
28 x 533	40	F4G	20	36755
28 x 533	60	F4G	20	37945
28 x 533	80	F4G	20	39236
28 x 533	100	F4G	20	40702
28 x 533	120	F4G	20	41900
28 x 533	150	F4G	20	42794
50 x 1020	40	F5	10	36837
50 x 1020	60	F5	25	38075
50 x 1020	80	F5	25	39401
50 x 1020	100	F5	25	40832
50 x 1020	120	F5	25	42020

Continuation →

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**



### Continuation of LS 309 X, Abrasive cloth

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number		
50 x 2000	40	F4G	10	4502		
50 x 2000	60	F4G	25	4531		
50 x 2000	80	F4G	25	4548		
75 x 2000	40	F4G	10	36923		
75 x 2000	60	F4G	10	38198		
75 x 2000	80	F4G	10	39556		
75 x 2000	100	F4G	10	40930		
75 x 2000	120	F4G	10	42119		
100 x 800	60	F5	10	38286		
100 x 800	80	F5	10	39659		
100 x 800	120	F5	10	137024		
100 x 860	60	F5	10	38895		
100 x 860	80	F5	10	40425		
100 x 860	100	F5	10	41621		
100 x 860	120	F5	10	42678		
100 x 900	60	F5	10	38898		
100 x 900	80	F5	10	40428		
100 x 900	100	F5	10	41623		
100 x 900	120	F5	10	42679		
100 x 915	40	F5	10	37324		
100 x 915	60	F5	10	38900		
100 x 915	80	F5	10	40430		
100 x 915	100	F5	10	41625		
100 x 915	120	F5	10	42681		
100 x 915	150	F5	10	43054		
100 x 915	180	F5	10	43308		
100 x 915	240	F5	10	128755		
100 x 950	40	F5	10	37328		
100 x 950	60	F5	10	38904		
100 x 950	80	F5	10	40435		
100 x 950	100	F5	10	41627		
100 x 950	120	F5	10	42684		
100 x 1000	40	F5	10	36999		
100 x 1000	60	F5	10	38304		
100 x 1000	80	F5	10	39679		
100 x 1000	100	F5	10	41019		
100 x 1000	120	F5	10	42199		
150 x 1220	60	F5	10	38428		
150 x 1220	80	F5	10	39852		
150 x 2000	40	F4G	10	37071		
150 x 2000	60	F4G	10	38460		
150 x 2000	80	F4G	10	39884		
150 x 2000	120	F4G	10	42311		

Belts

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**

**Abrasive cloth**  
**LS 309 J**

**Advantages**

Good abrasive performance for working on slight contours on metal and wood

**Applications:**

- Metals
- NF metals
- Wood

**Bonding agent**

Resin

**Grain**

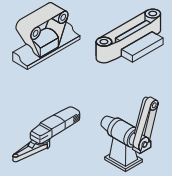
Aluminium oxide

**Coating**

Close

**Backing**

J-cotton


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
						■	■	■	■	■	■	■	■	■	■	■	■	■							

All sizes and minimum purchasing quantities available on request

**Abrasive cloth**  
**LS 309 JF**

**Advantages**

High removal rate in metalworking and woodworking ■ Very good adaptation to radiuses and contours due to highly flexible cotton backing

**Applications:**

- Metals
- NF metals
- Wood

**Bonding agent**

Resin

**Grain**

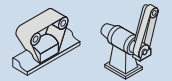
Aluminium oxide

**Coating**

Close

**Backing**

JF-cotton


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
						■	■	■	■	■	■	■	■	■	■	■	■		■						

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**



## Abrasive cloth

### CS 310 X



## Advantages

High-quality universal type for metalworking and woodworking ■ Good removal rate under high stress

## Applications:

- Stainless steel
- Wood
- Steel
- NF metals
- Plastic

## Bonding agent

Resin

## Grain

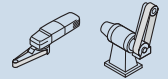
Aluminium oxide

## Coating

Close

## Backing

X-cotton



Belts

## Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
■	■		■	■	■	■	■	■	■	■	■	■	■	■	■		■	■	■						

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number		
25 x 1065	60	F4G	10	244635		
25 x 1065	80	F4G	10	244634		
50 x 1020	40	F5	10	47753		
50 x 1020	60	F5	25	48549		
50 x 1020	80	F5	25	49300		
50 x 2000	40	F4G	10	4587		
50 x 2000	60	F4G	25	4590		
50 x 2000	80	F4G	25	4591		
50 x 2000	120	F4G	25	4593		
50 x 3500	40	F4G	10	4608		
50 x 3500	60	F4G	25	4610		
50 x 3500	80	F4G	25	4611		
75 x 2000	24	F4G	10	46996		
75 x 2000	36	F4G	10	4594		
75 x 2000	40	F4G	10	4595		
75 x 2000	60	F4G	25	4596		
75 x 2000	80	F4G	25	49399		
75 x 2000	100	F4G	25	50090		
75 x 2000	120	F4G	25	50652		
75 x 2000	180	F4G	25	51222		
75 x 2000	240	F4G	25	51470		
100 x 920	60	F5	10	48717		
100 x 920	80	F5	10	49454		
100 x 920	100	F5	10	50136		
150 x 2000	36	F4G	10	47492		
150 x 2000	40	F4G	10	47921		
150 x 2000	60	F4G	10	48821		
150 x 2000	80	F4G	10	49581		
150 x 2000	100	F4G	10	50216		
150 x 2000	120	F4G	10	50767		
200 x 550	24	F7G	10	170543		
200 x 550	36	F7G	10	170544		
200 x 550	40	F7G	10	97832		
200 x 550	60	F7G	10	105992		
200 x 550	80	F7G	10	123929		

Continuation →

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**



**Continuation of CS 310 X, Abrasive cloth**

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number		
200 x 550	100	F7G	10	105993		
200 x 550	120	F7G	10	123931		
200 x 750	24	F7G	10	47101		
200 x 750	36	F7G	10	47561		
200 x 750	40	F7G	10	48028		
200 x 750	60	F7G	10	48970		
200 x 750	80	F7G	10	49764		
200 x 750	100	F7G	10	50340		
200 x 750	120	F7G	10	50872		

**Abrasive cloth**  
**CS 310 XF**
**Advantages**

Universal type for working on radiuses and contours with belt files in all areas of metalworking


**Applications:**

- Stainless steel
- Metals
- NF metals
- Steel

**Bonding agent**

Resin

**Grain**

Aluminium oxide

**Coating**

Close

**Backing**

XF-cotton


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
				■	■	■	■	■	■	■	■	■	■	■											

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number		
6 x 610	40	F4G	25	4644		
6 x 610	60	F4G	25	4645		
6 x 610	80	F4G	25	4646		
6 x 610	120	F4G	25	70595		
9 x 533	40	F4G	25	286879		
9 x 533	60	F4G	25	156968		
9 x 533	80	F4G	25	286880		
9 x 533	120	F4G	25	286881		
10 x 330	40	F4G	25	86104		
10 x 330	60	F4G	25	71110		
10 x 330	80	F4G	25	71111		
10 x 330	100	F4G	25	71112		
10 x 330	120	F4G	25	71957		
12 x 520	40	F4G	25	160139		
12 x 520	60	F4G	25	160201		
12 x 520	80	F4G	25	159040		
12 x 520	120	F4G	25	160140		
13 x 450	40	F4G	25	90914		
13 x 450	60	F4G	25	75505		
13 x 450	80	F4G	25	97081		
13 x 450	120	F4G	25	105794		
13 x 455	40	F4G	25	72895		

Continuation →

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**

## Continuation of CS 310 XF, Abrasive cloth

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number		
13 x 455	60	F4G	25	73099		
13 x 455	80	F4G	25	149565		
13 x 455	100	F4G	25	73176		
13 x 455	120	F4G	25	74086		
13 x 610	40	F4G	25	4652		
13 x 610	60	F4G	25	4653		
13 x 610	80	F4G	25	4654		
13 x 610	100	F4G	25	70590		
13 x 610	120	F4G	25	70591		
13 x 610	180	F4G	25	70593		
13 x 610	240	F4G	25	99182		
20 x 520	40	F4G	25	71959		
20 x 520	60	F4G	25	71960		
20 x 520	80	F4G	25	71961		
20 x 520	120	F4G	25	71963		
40 x 303	60	F4G	10	184719		
40 x 303	80	F4G	10	188885		

Belts

### Abrasive cloth ANTISTATIC

## CS 311 Y ACT



### Advantages

Good removal rate for working on wood under high stress ■ Minimal clogging and long service life due to ACT recipe and antistatic properties

### Applications:

- Wood
- Metals

### Bonding agent

Resin

### Grain

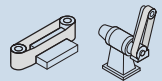
Aluminium oxide

### Coating

Open

### Backing

Y-polyester



### Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
			■	■	■	■	■	■	■	■	■	■													

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**

**Abrasive cloth, specially coated**  
**LS 312 JF**

**Advantages**

Outstanding removal rate and service life due to active abrasive substances ■ Very good adaptation to radiuses and contours due to highly flexible cotton backing

**Applications:**

- Stainless steel
- Metals
- NF metals
- Steel
- Wood

**Bonding agent**

Resin

**Grain**

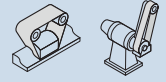
Aluminium oxide

**Coating**

Close

**Backing**

JF-cotton


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
						■	■	■	■	■	■	■	■	■	■		■								

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number
50 x 1525	100	F1	25	247871
50 x 1525	240	F1	25	210375
50 x 1525	320	F1	25	247872
300 x 3500	100	F1	10	79849
300 x 3500	120	F1	10	132852
300 x 3500	180	F1	10	81518
300 x 3500	280	F1	10	79850
300 x 3500	320	F1	10	83657
300 x 3500	400	F1	10	81147

**Abrasive cloth, multibond**  
**LS 313 JF**

**Advantages**

Top product for working on temperature-sensitive molded parts ■ Very good adaptation to radiuses and contours due to highly flexible cotton backing ■ Cool grinding due to additional multibond

**Applications:**

- Stainless steel
- Aluminium
- NF metals

**Bonding agent**

Resin

**Grain**

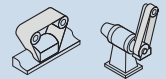
Aluminium oxide

**Coating**

Close

**Backing**

JF-cotton


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
							■	■	■	■	■	■	■		■										

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**

**Abrasive cloth ANTISTATIC, SUPERFLEX**

## LS 318 JF ACT



**Advantages**

Top product for working on profiles and contours, especially in woodworking ■ Outstanding adaptation, also to tight radiuses, due to highly flexible cotton backing ■ Reduced clogging and long service life to the ACT recipe

**Applications:**

- Wood

**Bonding agent**

Resin

**Grain**

Aluminium oxide

**Coating**

Open

**Backing**

JF-cotton



**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
						■	■	■	■	■	■		■		■		■								

All sizes and minimum purchasing quantities available on request

**Abrasive cloth, waterproof**

## CS 320 Y



**Advantages**

Outstanding abrasive performance on hard and difficult-to-machine materials ■ Ideal for high stress ■ Can be used wet or dry

**Applications:**

- Glass/Stone
- Mineral-based materials
- Plastic

**Bonding agent**

Resin

**Grain**

SiC

**Coating**

Close

**Backing**

Y-polyester



**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
■	■			■		■	■	■	■		■														

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**

**Abrasive cloth, waterproof**  
**CS 321 X**

**Advantages**

Outstanding abrasive performance on hard and difficult-to-machine materials ■ Ideal for wet grinding, but also suitable for dry grinding

**Applications:**

- Glass/Stone
- Mineral-based materials
- Plastic

**Bonding agent**

Resin

**Grain**

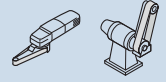
SiC

**Coating**

Close

**Backing**

X-cotton


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
							■	■	■	■	■	■	■	■	■		■	■		■					

All sizes and minimum purchasing quantities available on request

**Abrasive cloth, waterproof**  
**CS 322 X**

**Advantages**

Special product for polishing glass with high-quality cork/resin coating ■ Long life with consistent polishing effect ■ Waterproof

**Applications:**

- Glass/Stone

**Bonding agent**

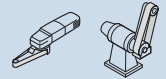
Resin

**Grain**

Cork

**Backing**

X-cotton



All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**

## Abrasive cloth, KULEX

### CS 325 Y



#### Advantages

Long-life abrasive belt for a brilliant, glossy finish, under medium to high grinding pressure ■ Extremely long life, with consistent surface roughness and finish ■ Suitable for dry and wet grinding

#### Applications:

- Stainless steel
- Glass/Stone
- Metals

#### Bonding agent

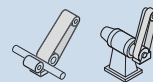
Resin

#### Grain

SiC agglom.

#### Backing

Y-polyester



Belts

#### Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
							■		■		■		■		■		■		■						

All sizes and minimum purchasing quantities available on request

## Abrasive cloth, KULEX

### CS 326 Y



#### Advantages

Long-life abrasive belt for a satin surface scratch pattern, under medium to high grinding pressure ■ Extremely long life, with consistent surface roughness and finish ■ Suitable for dry and wet grinding

#### Applications:

- Stainless steel
- Steel

#### Bonding agent

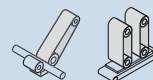
Resin

#### Grain

Al. oxide agglom.

#### Backing

Y-polyester



#### Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
							■		■		■		■		■		■		■						

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**

**Abrasive cloth, KULEX**  
**CS 329 JF**

**Advantages**

Long-life abrasive belt for a satin surface scratch pattern, under low to medium grinding pressure ■  
 Very suitable for strongly profiled workpieces ■ Especially suitable for dry grinding

**Applications:**

- Stainless steel
- Steel

**Bonding agent**

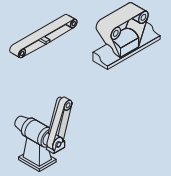
Resin

**Grain**

Al. oxide agglom.

**Backing**

JF-cotton


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
									■		■														

All sizes and minimum purchasing quantities available on request

**Abrasive cloth, KULEX**  
**CS 329 Y**

**Advantages**

Long-life abrasive belt for a satin surface scratch pattern, under low to medium grinding pressure ■  
 Especially suitable for dry grinding

**Applications:**

- Stainless steel
- Steel

**Bonding agent**

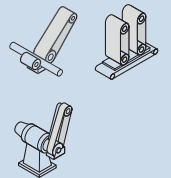
Resin

**Grain**

Al. oxide agglom.

**Backing**

Y-polyester


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
							■		■		■		■		■		■		■						

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**



## Abrasive cloth, waterproof

### CS 330 X



#### Advantages

Soft, very fine grinding with low surface roughness, polishable ■ Special belt for satin final finishing of stainless steel and steel surfaces ■ With cork granulate and SiC/resin coating

#### Applications:

- Stainless steel
- Steel

#### Bonding agent

Resin

#### Grain

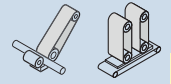
SiC/Cork

#### Coating

Close

#### Backing

X-cotton



Belts

#### Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
												■		■			■		■	■					

All sizes and minimum purchasing quantities available on request

## Abrasive cloth

### CS 333 X



#### Advantages

Ideal for dry grinding of very hard or difficult-to-machine materials (castings, scales, ceramic, rubber, plastic)

#### Applications:

- Glass/Stone
- Plastic
- Metals

#### Bonding agent

Resin

#### Grain

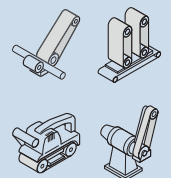
SiC

#### Coating

Close

#### Backing

X-cotton



#### Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
	■		■	■		■	■	■	■	■			■												

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.



**Abrasive cloth**
**CS 333 XF**

**Advantages**

Long service life and high abrasive performance ■ Top product for robot grinding of brass fittings ■ Optimal combination of flexibility and tear resistance

**Applications:**

- Metals
- NF metals
- Plastic

**Bonding agent**

Resin

**Grain**

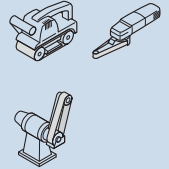
SiC

**Coating**

Close

**Backing**

XF-cotton


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
						■	■	■	■				■	■											

All sizes and minimum purchasing quantities available on request

**Abrasive cloth**
**CS 333 JF**

**Advantages**

Long service life and high abrasive performance ■ Very good adaptation to radiuses and contours due to highly flexible cotton backing ■ Ideal for hand grinding of brass fittings and other molded parts

**Applications:**

- NF metals
- Metals
- Plastic

**Bonding agent**

Resin

**Grain**

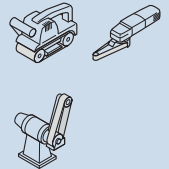
SiC

**Coating**

Close

**Backing**

JF-cotton


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
							■	■	■	■	■		■	■	■										

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**



## Abrasive cloth, waterproof

### CS 341 X



#### Advantages

High-quality universal type for wet grinding ■ Good service life and fine finish ■ Especially for rough through fine grinding in centerless and surface grinding applications

#### Applications:

- Metals
- Stainless steel
- Steel
- NF metals

#### Bonding agent

Resin

#### Grain

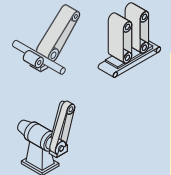
Aluminium oxide

#### Coating

Close

#### Backing

X-cotton



Belts

#### Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
						■	■	■	■	■	■	■	■	■	■		■	■	■						

All sizes and minimum purchasing quantities available on request

## Abrasive cloth, multibond

### CS 409 Y



#### Advantages

Aggressive abrasive behavior ■ Cool grinding and increased grinding performance on stainless steel and high-alloy steels due to additional multibond ■ Very long service life also when used for grinding of non-ferrous metals

#### Applications:

- Stainless steel
- NF metals

#### Bonding agent

Resin

#### Grain

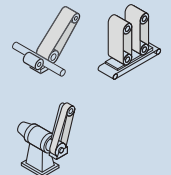
Zirconia alumina

#### Coating

Close

#### Backing

Y-polyester



#### Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
			■	■	■	■	■	■	■																

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.

**Abrasive cloth, multibond**  
**CS 410 X**

**Advantages**

Cool grinding and no heat tinting due to additional multibond ■ Increased abrasive performance for use on stainless steel

**Applications:**

- Stainless steel
- NF metals

**Bonding agent**

Resin

**Grain**

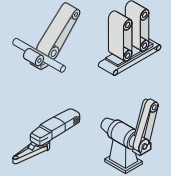
Aluminium oxide

**Coating**

Close

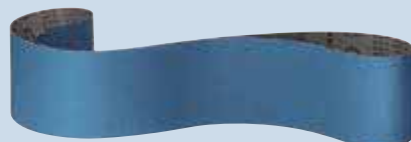
**Backing**

X-cotton


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
				■		■	■	■	■	■	■														

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number
50 x 450	60	F4G	25	53108
50 x 450	80	F4G	25	53267
50 x 450	120	F4G	25	53538

**Abrasive cloth**  
**CS 411 X**

**Advantages**

High aggressiveness and abrasive performance in rough grinding of steel and stainless steel ■ Very versatile in all areas of metalworking

**Applications:**

- Stainless steel
- Steel
- Metals

**Bonding agent**

Resin

**Grain**

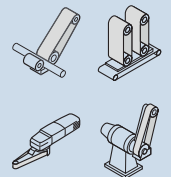
Zirconia alumina

**Coating**

Close

**Backing**

X-cotton


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
	■		■	■	■	■	■		■																

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number
50 x 2000	36	F4G	10	26419
50 x 2000	40	F4G	10	26593
50 x 2000	60	F4G	25	72251
50 x 2000	80	F4G	25	26943
50 x 2000	120	F4G	25	103997
75 x 2000	24	F4G	10	4618
75 x 2000	36	F4G	10	4619

Continuation →

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**



## Continuation of CS 411 X, Abrasive cloth

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number		
75 x 2000	40	F4G	10	4620		
75 x 2000	60	F4G	10	4622		
75 x 2000	80	F4G	10	26969		
75 x 2000	120	F4G	10	113664		
100 x 2000	36	F4G	10	26463		
150 x 2000	36	F4G	10	26488		
150 x 2000	40	F4G	10	26668		
150 x 2000	60	F4G	10	72775		
150 x 2000	80	F4G	10	27030		
150 x 2000	120	F4G	10	101308		

Belts

## Abrasive cloth, waterproof

# CS 411 Y



### Advantages

Tear-resistant high performance belt ■ Especially high aggressiveness and abrasive performance due to active abrasive substances ■ Especially for stainless steel, but also for steel and metal in general

### Applications:

- Stainless steel
- Steel
- Metals

### Bonding agent

Resin

### Grain

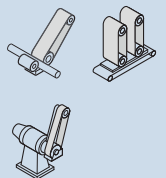
Zirconia alumina

### Coating

Close

### Backing

Y-polyester



### Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
	■		■	■	■	■	■	■	■																

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number		
75 x 2000	24	F4G	10	62056		
75 x 2000	36	F4G	10	62150		
75 x 2000	40	F4G	10	62509		
75 x 2000	50	F4G	10	62604		
75 x 2000	60	F4G	10	62938		
75 x 2000	80	F4G	10	63068		
75 x 2000	120	F4G	10	20598		
150 x 2000	24	F4G	10	62067		
150 x 2000	36	F4G	10	62176		
150 x 2000	40	F4G	10	62537		
150 x 2000	60	F4G	10	62971		
150 x 2000	80	F4G	10	63102		
150 x 2000	120	F4G	10	278219		

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**

**Abrasive cloth, waterproof**  
**CS 412 Y**

**Advantages**

High-quality universal type for wet and dry grinding of stainless steel, steel and other metal surfaces

**Applications:**

- Metals
- NF metals
- Stainless steel
- Steel
- Wood

**Bonding agent**

Resin

**Grain**

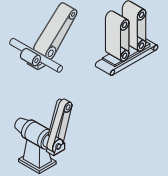
Aluminium oxide

**Coating**

Close

**Backing**

Y-polyester


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
	■		■	■	■	■	■	■	■	■	■		■												

All sizes and minimum purchasing quantities available on request

**Abrasive cloth, waterproof**  
**CS 416 Y**

**Advantages**

Very high aggressiveness and abrasive performance ■ Long service life also when used on materials that cause clogging

**Applications:**

- Stainless steel
- Plastic
- Leather
- NF metals

**Bonding agent**

Resin

**Grain**

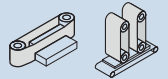
Zirconia alumina

**Coating**

Semi-open

**Backing**

Y-polyester


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
	■		■	■	■	■	■	■	■																

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number
75 x 2000	24	F4G	10	208669
75 x 2000	36	F4G	10	204858
75 x 2000	40	F4G	10	205377
75 x 2000	60	F4G	10	207651
75 x 2000	80	F4G	10	220805
75 x 2000	120	F4G	10	210753
150 x 2000	36	F4G	10	231336
150 x 2000	40	F4G	10	205474
150 x 2000	60	F4G	10	204213
150 x 2000	80	F4G	10	205130
150 x 2000	120	F4G	10	219575

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**



## Abrasive cloth, NOPPEX

### CS 420 Y



#### Advantages

Long-life abrasive belt with knob structure for a satin surface scratch pattern, under high to medium grinding pressure ■ Very suitable for centerless circular and surface grinding ■ Suitable for dry and wet grinding

#### Applications:

- Stainless steel
- Steel

#### Bonding agent

Resin

#### Grain

Aluminium oxide

#### Backing

Y-polyester



#### Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
									■		■		■		■		■		■						

All sizes and minimum purchasing quantities available on request

## Abrasive cloth

### GX 533 JF

**NEW**



#### Advantages

Special product for use on brass (sanitary fittings) and titanium (surgical instruments) ■ Good adaptation to radiuses and contours ■ High process reliability in robot applications or working with unsupported belts due to highly tear-resistant blended fabric backing

#### Applications:

- NF metals
- Plastic
- Metals
- Titanium / - alloy
- Mineral-based materials

#### Bonding agent

Resin

#### Grain

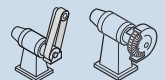
SiC

#### Coating

Close

#### Backing

JF-Blended fabric



#### Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
							■	■	■	■	■		■	■	■	■	■								

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.

**Abrasive cloth, multibond**  
**CS 631 JF**

**Advantages**

Continuously aggressive abrasive performance, with long service life due to ceramic grit ■ High-performance abrasive belt for stainless steel profile grinding ■ Very good adaptation to radiuses and contours ■ Prevents heat tinting on stainless steel due to multibond

**Applications:**

- Stainless steel
- Titanium / - alloy

**Bonding agent**

Resin

**Grain**

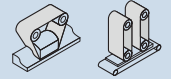
Ceramic Al. oxide

**Coating**

Semi-open

**Backing**

JF-cotton


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
							■	■	■		■		■	■	■										

All sizes and minimum purchasing quantities available on request

**Abrasive cloth, multibond**  
**CS 631 XF**

**Advantages**

Continuously aggressive abrasive performance, with long service life due to ceramic grit ■ Good adaptation to radiuses and contours ■ Prevents heat tinting on stainless steel due to multibond

**Applications:**

- Stainless steel
- Titanium / - alloy

**Bonding agent**

Resin

**Grain**

Ceramic Al. oxide

**Coating**

Semi-open

**Backing**

XF-cotton


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
						■	■	■	■					■											

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**



## Abrasive cloth

### GX 712 JF

**NEW**



## Advantages

Active abrasive substances ensure outstanding abrasive performance ■ Special product for tough/hard and heat-sensitive materials ■ Good adaptation to radiuses and contours ■ High process reliability in robot applications or working with unsupported belts due to highly tear-resistant blended fabric backing

## Applications:

- NF metals
- Stainless steel
- Steel
- Metals

## Bonding agent

Resin

## Grain

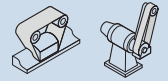
Aluminium oxide

## Coating

Semi-open

## Backing

JF-Blended fabric



Belts

## Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
						■	■	■	■	■	■	■	■	■	■		■								

All sizes and minimum purchasing quantities available on request

## Abrasive cloth, waterproof

### CS 811 Y ACT



## Advantages

High aggressiveness and abrasive performance; specially developed for applications under high stress ■ Especially good grain adhesion and service life due to ACT recipe

## Applications:

- Die-cast aluminium
- Stainless steel
- Steel

## Bonding agent

Resin

## Grain

Zirconia alumina

## Coating

Close

## Backing

Y-polyester



## Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
	■		■	■	■	■	■																		

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.



**Abrasive cloth, multibond**  
**CS 910 Y ACT**

**Advantages**

Continuously aggressive abrasive performance, with long service life due to ceramic grit ■ High-performance abrasive belt for stainless steel finish grinding ■ Prevents heat tinting on stainless steel, cool grinding ■ No clogging/glazing when used on titanium and high-alloy steels

**Applications:**

- Stainless steel

**Bonding agent**

Resin

**Grain**

Ceramic Al. oxide

**Coating**

Close

**Backing**

Y-polyester


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
	■		■	■	■	■	■																		

All sizes and minimum purchasing quantities available on request

**Abrasive cloth, waterproof**  
**CS 912 Y ACT**

**Advantages**

Continuously aggressive abrasive performance, with long service life due to ceramic grit ■ High-performance abrasive belt for stainless steel finish grinding

**Applications:**

- Stainless steel
- Steel

**Bonding agent**

Resin

**Grain**

Ceramic Al. oxide

**Coating**

Close

**Backing**

Y-polyester


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
	■		■	■	■	■	■	■	■	■	■														

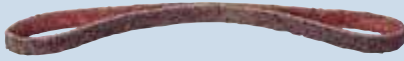
All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**

## Non-woven textile belt

### NBF 800



### Advantages

Special product for surface finishing with hand tool belt grinders ■ Ideal for removal of discolorations, for light deburring, leveling, matte-finishing and roughening ■ Minimal clogging and long service life

### Applications:

- Stainless steel
- NF metals
- Metals

### Bonding agent

Resin

### Grain

Aluminium oxide



Width x Length in mm	Grade	Colour	Belt joint	Packing unit/pcs.	Cat. number		
6 x 520	coarse	brown	F4W	10	258646		
6 x 520	medium	maroon	F4W	10	258647		
6 x 520	very fine	blue	F4W	10	258648		
9 x 533	coarse	brown	F4W	10	258652		
9 x 533	medium	maroon	F4W	10	258653		
9 x 533	very fine	blue	F4W	10	258654		
10 x 330	coarse	brown	F4W	10	258655		
10 x 330	medium	maroon	F4W	10	258656		
10 x 330	very fine	blue	F4W	10	258657		
12 x 520	coarse	brown	F4W	10	258658		
12 x 520	medium	maroon	F4W	10	258659		
12 x 520	very fine	blue	F4W	10	258660		
12 x 533	coarse	brown	F4W	10	258661		
12 x 533	medium	maroon	F4W	10	258662		
12 x 533	very fine	blue	F4W	10	258663		
13 x 457	coarse	brown	F4W	10	258664		
13 x 457	medium	maroon	F4W	10	258665		
13 x 457	very fine	blue	F4W	10	258666		
13 x 610	coarse	brown	F4W	10	258667		
13 x 610	medium	maroon	F4W	10	258668		
13 x 610	very fine	blue	F4W	10	258669		
20 x 520	coarse	brown	F4W	10	258671		
20 x 520	medium	maroon	F4W	10	258672		
20 x 520	very fine	blue	F4W	10	258673		
28 x 533	coarse	brown	F4W	10	258674		
28 x 533	medium	maroon	F4W	10	258695		
28 x 533	very fine	blue	F4W	10	258696		
30 x 533	coarse	brown	F4W	5	258699		
30 x 533	medium	maroon	F4W	5	258700		
30 x 533	very fine	blue	F4W	5	258701		
30 x 610	medium	maroon	F4W	5	258703		
30 x 610	very fine	blue	F4W	5	258704		

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**

## Non-woven textile belt NBS 800



### Advantages

Special product for surface finishing with hand-operated machines (except hand tool belt grinders) and stationary machines ■ Ideal for removal of discolorations, for light deburring, leveling, matte-finishing and roughening ■ Minimal clogging and long service life

### Applications:

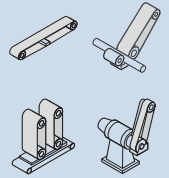
- Stainless steel
- NF metals
- Metals

### Bonding agent

Resin

### Grain

Aluminium oxide



Width x Length in mm	Grade	Colour	Belt joint	Packing unit/pcs.	Cat. number		
30 x 800	medium	maroon	F3W	5	258706		
30 x 800	very fine	blue	F3W	5	258707		
40 x 618	coarse	brown	F3W	5	258711		
40 x 618	medium	maroon	F3W	5	258712		
40 x 618	very fine	blue	F3W	5	258713		
40 x 820	coarse	brown	F3W	5	258714		
40 x 820	medium	maroon	F3W	5	258715		
40 x 820	very fine	blue	F3W	5	258716		
50 x 450	coarse	brown	F3W	5	258717		
50 x 450	medium	maroon	F3W	5	258718		
75 x 2000	coarse	brown	F3W	5	258729		
75 x 2000	medium	maroon	F3W	5	258730		
75 x 2000	very fine	blue	F3W	5	258731		

## Non-woven textile belt NBS 850

**NEW**



### Advantages

Soft, flexible execution ■ Very suitable for processing of profiled workpieces ■ Very fine surface finish

### Applications:

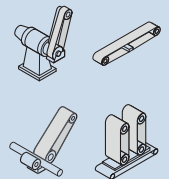
- Stainless steel
- Metals

### Bonding agent

Resin

### Grain

Aluminium oxide



All sizes and minimum purchasing quantities available on request

Other sizes available on request.

Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.

# Short belts for hand held machines

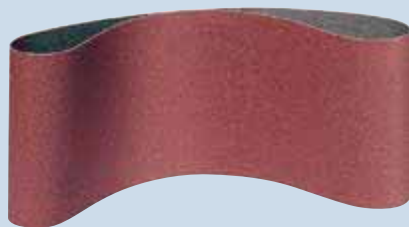
Coated abrasives



**KLINGSPOR**

## Abrasive cloth

### LS 309 XH



## Advantages

Special type for portable belt sanders ■ For universal use on wood, metal, paint and varnish ■ Large product mix of belts for all standard machines

## Applications:

- Wood
- Metals
- NF metals
- Paint/Varnish/Filler

## Bonding agent

Resin

## Grain

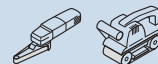
Aluminium oxide

## Coating

Close

## Backing

X-cotton



Belts

## Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
				■	■	■	■	■	■	■	■		■												

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number		
60 x 400	40	F5	10	65163		
60 x 400	60	F5	10	4100		
60 x 400	80	F5	10	4104		
60 x 400	120	F5	10	4097		
65 x 410	40	F5	10	4106		
65 x 410	60	F5	10	4114		
65 x 410	80	F5	10	4120		
65 x 410	100	F5	10	4124		
65 x 410	120	F5	10	4128		
75 x 457	40	F5	10	37269		
75 x 457	60	F5	10	38825		
75 x 457	80	F5	10	40345		
75 x 457	100	F5	10	41560		
75 x 457	120	F5	10	42627		
75 x 457	150	F5	10	43020		
75 x 480	40	F5	10	4098		
75 x 480	60	F5	10	4107		
75 x 480	80	F5	10	4115		
75 x 480	100	F5	10	4121		
75 x 480	120	F5	10	4125		
75 x 508	40	F5	10	4099		
75 x 508	60	F5	10	4103		
75 x 508	80	F5	10	4117		
75 x 508	100	F5	10	4118		
75 x 533	40	F5	10	4137		
75 x 533	60	F5	10	4139		
75 x 533	80	F5	10	4140		
75 x 533	100	F5	10	4141		
75 x 533	120	F5	10	4142		
75 x 533	150	F5	10	4143		
75 x 533	180	F5	10	4144		
75 x 533	240	F5	10	43614		
75 x 610	40	F5	10	37285		
75 x 610	60	F5	10	38842		
75 x 610	80	F5	10	40365		

Continuation →

Other sizes available on request.

Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.

**Continuation of LS 309 XH, Abrasive cloth**

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number		
75 x 610	100	F5	10	41576		
75 x 610	120	F5	10	42642		
100 x 560	40	F5	10	4151		
100 x 560	60	F5	10	4473		
100 x 560	80	F5	10	4474		
100 x 560	100	F5	10	4475		
100 x 560	120	F5	10	4476		
100 x 560	150	F5	10	4477		
100 x 560	180	F5	10	73079		
100 x 610	40	F5	10	4478		
100 x 610	60	F5	10	4480		
100 x 610	80	F5	10	4481		
100 x 610	100	F5	10	4482		
100 x 610	120	F5	10	4483		
100 x 610	150	F5	10	4484		
100 x 610	180	F5	10	43302		
100 x 620	40	F5	10	6272		
100 x 620	60	F5	10	6278		
100 x 620	80	F5	10	6283		
100 x 620	100	F5	10	6284		
100 x 620	120	F5	10	6286		
100 x 620	150	F5	10	6288		
105 x 620	40	F5	10	4485		
105 x 620	60	F5	10	4487		
105 x 620	80	F5	10	4489		
105 x 620	100	F5	10	4490		
105 x 620	120	F5	10	4491		
105 x 620	150	F5	10	4492		
110 x 620	40	F5	10	6290		
110 x 620	60	F5	10	6292		
110 x 620	80	F5	10	6294		
110 x 620	100	F5	10	6295		
110 x 620	120	F5	10	6296		

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**

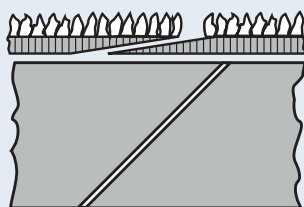
### Belt joints for wide belts

KLINGSPUR supplies belts with various types of joint. The type of joint you require depends on the work involved and the machine you are using.

The following illustrations show the usual types of joint. The available types of joint are listed in the product charts on the following product pages.

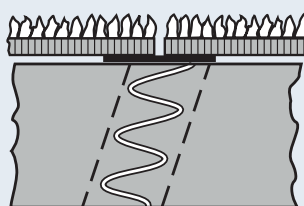
The chart alongside contains all the standard types of machines for wide belts. Please contact us if you cannot find the machine used by you on this list. We will be pleased to assist you further.

**If the product you require is not in stock, we will manufacture it for you subject to a minimum order quantity.**



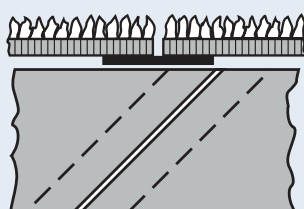
**Form 1**

Overlapping glued joint. Standard joint for wide belts with paper backing.



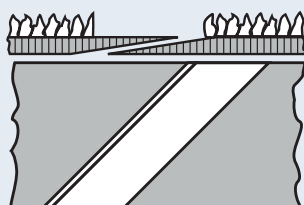
**Form 3 G**

Zig zag joint, with foil backing for finishing surfaces that must be of the highest quality using wide belts with cloth backing.



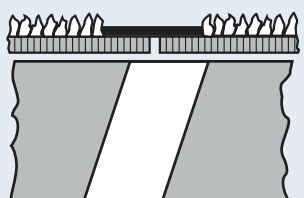
**Form 4 G**

Butt joint with cloth-reinforced-foil backing. Standard joint for wide belts with cloth backing. High tear resistance.



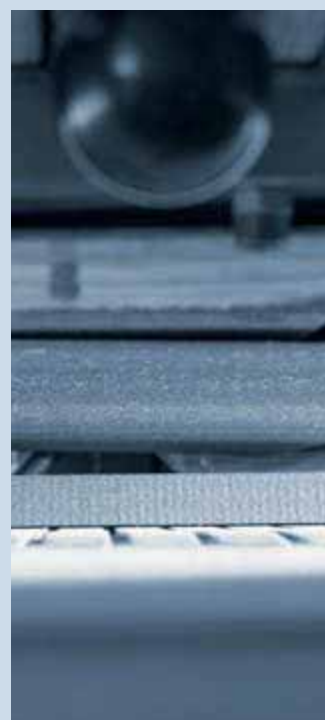
**Form 5**

Overlapping glued joint. Grit zone is completely ground off. For applications with flat contact elements, allows a gentle transition in the belt connection area.



**Form 6 G**

Butt joint with cloth-reinforced foil glued on grit side. Grit zone is completely ground off. Use in the timber products industry



**Wide belt machines**

Manufacturer	Type	Abrasive belt size		Manufacturer	Type	Abrasive belt size	
		Width in mm	Length in mm			Width in mm	Length in mm
Anthon	Saphir Combi 1100/1300, Saphir WS 1100/1300, Saphir WWS 1100/1300, Saphir 110/130, Saphir L, Saphir L-series	1120/1320	1900	Casadei	Libra 30 (RTC 95, TC 110, RTC 110)	970/1115	1900
	CMOWKS	900/1100/1300	2500		Libra 40, Libra 40/3 (RR110, RTC 110, RRR 110, RRTC 110, TC 135, RR 135, RTC 135, RRR 135, RRTC 135)	1115/1370	2200
Levia 95	970	1900	Libra 50 (RR 135, RTC 135, RRR 135, RRTC 135)		1370	2620	
Biesse	Levia 110	1120	2150	Libra 60 (RR135, RTC 135, RRR 135, RRTC 135)	1370	2620	
	Levia 110R	1115	2620	CMC	LEV 95 RT/RR/R+T	970	1900
	Levia 135, Levia 135R 2, Levia 135R 3	1370	2150	LEV 115 RT/RR/R+T	1180	1900	
	Levia 210, Levia 220	970	1900	A, A1, AK, AF, AKF, AW1	1180/1380	2620	
	Levia 310, Levia 320, Levia 330	1120/1370	2150	K, KA, KB, KH, KK, KP, KBA, KBH, KHV, KKA, KKH, KKP, KPH	1350/1650	2620/3250	
	Regal 135 2, Regal 135 3, Regal 520, Regal 530	1370	2620	Elite CK, C/400, CT, CC, C/CK, CK/T	1150/1350	2620	
	Regal 320, Regal 330	1120/1370	2620	S, SA, SP	1150/1350	2620	
Boere	B, Kombi, Sandomonic C, Sandomonic KC	610/810/910/1010/1110/1310	1900	Costa	S4	1380/1680	4600
	Elite B	610/910/1100/1310	1900	SN	1380/1680	2620/3250	
	Elite B/T	610/910	1900	SH	1380	2620/3250	
	Elite B/T	1110/1310/1660	2620	SK (Serie 4)	1150	2200	
	Elite-LAC K, Elite-LAC KK	1100/1300	2620	SK (Serie 5, Serie 6)	1380	2620	
	Elite-T	610/910/1110/1310	1900	K (Serie 7)	350-1650	2620/3250	
	Elite TP	910/1110/1310	1900	K (Serie 8)	1350 - 2200	2620/3250	
	Merite C, Merite KC	1010	1900	K (Serie 9)	1650-3000	3250/4600	
	MT C, MT KS/KK, MT KKS/KKK	410/610/940	1525	DMC	Chronosand	1115/1315	2620
	Sandrite C, Sandrite KC	1110/1310	1900	Eurosand L	1115/1370	2620	
	Select C, Select K, Select KC, Select KK, Select KS, Select KKC, Select KKK, Select KKS, Select CB, Select KSB	910/1110/1310	1900	Mastersand 110, Mastersand 135	1115/1370	2620	
	Select +plusplus	1370	2620	Polisand	1130/1330	2200/2620	
	AF 2, AF 3	1110/1360	2620	System 1350 RK	1370	2620	
AL-E	1360	2620	System T2 1350, System T3 1350, System T5 1350, System T7 1350	1370	2620		
AWS 2, AWS 3, AWS Combi	1110/1360	1900	System BT44 1350	1370	2620		
Optimat SBC 111/113/Classic, Optimat SBC 211/312/Classic, Optimat SBC 311/313/Classic	1120/1370	1900	System BT22 2200	2220	2620		
Optimat SBC 213/QC/Classic, Optimat SBC 313/QCE/Classic, Optimat SBC 313/RQE/Classic	1370	1900/2620	System T10	1370	2620		
E-Line 111, E-Line 211, E-Line 311	1120	1900	Technosand K	1115/1370	2620		
E-Line 113, E-Line 213, E-Line 313	1370	1900	Technosand L	1115	2620		
ECO 1100, ECO 2 K, ECO 2 KC, ECO 2 KK, ECO 2 C-E, ECO 2 K-E	1120	1900	Topsand 2000	1370/1670/1920/2270	3250		
PRO 111, PRO 211	1120	1900	Unisand 2000	1370	2620		
SBO 109	970	1900	Unisand K	1115/1370	2620		
SCO 213 CC, SCO 213 CH, SCO 213 QC, SCO 213 QH	1370	2620	Linea Unisand K	1115/1370	1900		
SGO 109 K	970	1900	EMC	Explorer	670/970/1120	1900	
SGO 211 K, SGO 211 RK, SGO 211 MK, SGO 311 RKK	1120	1900	Explorer Super	670/970/1120	2200		
SKO 111 C	1120	1900	Giant	1370	2620		
SKO 113 C, SKO 213 RC, SKO 213 CC	1370	1900	Under-Top	1120	1900		
STO 111 L, STO 211 RL	1120	1900	Venus	1120/1370	2200		
STO 113 L, STO 213 RL, STO 313 RRL	1370	1900	Venus Super	1120/1370	2620		
Super 109 L, Super 209 RL	970	1900	Ernst	820 (SIMPLEX, DUPLEX, KOMBI)	1400	2150	
Super 111 L, Super 211 RL	1120	1900	Economic 520 (SIMPLEX, DUPLEX)	1400	2620		
Super 113 L, Super 213 RL	1370	1900	LKKB(B)/K, LKB(B)/K, KBB/K	1400	2620/3150		
Super RRF/RRL 311/313, Super RLF 311/313, Super MRL 311/313	1120/1370	1900	EG 3 M/1400	1400	1540		
SWO 313 RRF	1370	2620	EM 5N 900	900	1540		
SWT 113 K	970	1900	EM 3N 1400, EGM 3M 1400	1400	1690		
SWT 142 RK, SWT 124 MK, SWT 124 RC, SWT 134 RCC, SWT 134 RRK	1120	1900	510, 530, 810, 830, 850	1400	2620		
SWT 315 C, SWT 325 RL, SWT 325 RC, SWT 325 RH, SWT 325 CC, SWT www 325 CH, SWT 325 QC, SWT 335 RQE, SWT 335 RQH, SWT 335 QCE, SWT 335 RRL, SWT 335 RRC	1370	2620	Felder	FW 650	670	1900	
SWT 515 C	1370	2150	FW 950 classic	970	1700		
SWT 525 CC, SWT 525 CH, SWT 525 QC, SWT 525 QH, SWT 535 RQE, SWT 535 RQH, SWT 535 QCE, SWT 535 QCH	1370	2620	FW 952	970	1900		
SWT 700	1350/1650	2620/3250	FW 1100, FW 1102	1110	1900		
SWT 900	1350/1650/2200	2620/3250	Format 4 (Felder Group)	finish 1102, finish 1302	1110/1310	2200	
Vega 111, Vega 211 C-E, Vega 311	1120	2150	Giant 1350	1350	4550		
Vega 113, Vega 213 C-E, Vega 313	1370	2150	Griggio	GC65, GC95, GC110	670/970/1120	2150	
Libra 1 (TC 95, RR 95, RT 95, RTC 95)	970	2200	GI 1000 RR/RRT, GI 1300 RR/RRT	1120/1370	2620		
Libra 2 (TC 110, RR 110, RT 110, RTC 110)	1120	2200	MFA 10	1400	2620/3250		
Libra 3 (110 RRT, 110 RRR, 110 RRTC)	1120	2200	EH 31.11	1120	1900		
Libra 4/2 (RR 135, RT 135, RTC 135, TCTC 135, TCT 135, TT 135)	1380	2620	EH 51.11, EH 52.11	1120	2150		
Libra 4/3 (RRR 135, RRT 135, RTCTC 135, RRTC 135, RTT 135, RTCT 135)	1380	2620	EH 51.13, 52.13	1370	2150		
Libra 6 (RT 115, RR 115, RT 135, RR 135)	1180/1380	2620	FBA 8	700/1400	2620		
Libra 10	970	1525	KSA 4	1350	3250		
			KSA 8	1650/2050/2350/2650	2620/3250		
			LSM 4-U, LSM 8	1350	2620/3250		
			LSM 6, KSM 8	1350	2620		
			LAZ 2	1400	2100		
			MFA 6, MFA 6 Impression, MFA 8, MFA Impression	1400	2150/2620		
			BBS 430 C	450	1600		
			BBS 630 C	650	1600		
			BSH 650 HP	650	1900		
			BSM 1100 RP	1100	1900		
			SPB 300R, SPB 300C, SPB 300RR, SPB 300RC	320	1900		
			SPB 400R, SPB 400C, SPB 400RR, SPB 400RC	420	1900		
			SPB 430R, SPB 430C	450	1600		

## Wide belt machines

Manufacturer	Type	Abrasive belt size	
		Width in mm	Length in mm
Holzmann	SPB 630R, SPB 630C	650	1600
	SPB 630R, SPB 630 RR, SPB 630RC	650	1900/2200
	SPB 910R, SPB 910C, SPB 910RC, SPB 910RR	930	1900/2200
	RP 950B	980	1900
	RRP 650 B	680	1900
	RRP 1000B	1030	2200
Johannsen	Aerostat	1130/1330	2200
	Aerostat I 1K	1050/1130/1350	1900
	Aerostat I 2 RS	1050/1130	1900
	Aerostat II 2 RS, Aerostat II 2 RK, Aerostat 2 KS, Aerostat 2 KK	1130/1350	1900
	Compact 1K	1050	1900
	Compact 2 RS, Compact 2 RK	1050/1130	1900
	MT 2/1100	1150	1900
Kündig / Enorm	Primo, Triplex, Magiq, Topiq	1120/1350	2000
	Enorm DUO 1100	1120	1900
	Duplex	670/1120/1350/1620	2000
	Premium, Brilliant, Technic	420/670/1120/1350/1620/1920/2220	2000
OTT	Alpha, Alphontronic	1120/1380	2150
	Comet 1	1120/1380	1900
	Comet 2, Comet 3	1100/1360	1900
	Delta	1400	2150
	Deltatronic	1120/1380	2150
	Euro	1120/1380	1900
	Euro 95 WS	970	1900
	Lambda, Lambda KSE 2	1360	2620
	Megatronic	1120/1380	1900
	Omega, Omegatronic	1120/1380	2150
Sanding-master / Timesavers	RSK-O	1120	1900
	CSB-400	430	1600
	CSB-600, CSB-900, SCSB-1100, SCSB-1300	630/930/1130/1330	1900
	CSB-1600, CSB-1950	1630/1980	2620
	CSB 2-600, CSB 2-900, SCSB 2-1100, SCSB 2-1300	630/930/1130/1330	1900
	CSB 2-1050, CSB 2-1300, CSB 2-1600, CSB 2-1950	1080/1330/1630/1980	2620
	CSB 3-600, CSB 3-900, SCSB 3-1100, SCSB 3-1300	630/930/1130/1330	1900
	CSB 3-1050, CSB 3-1300, CSB 3-1600, CSB 3-1950	1080/1330/1630/1980	2620
	KCSB-U	930/1130/1330	1900
	SA 2100 W, SA 2100 C, SA 2100 K	600/900/1100/1350	1900
	SA 2200 WW, SA 2200 WS, SA 2200 WC	600/900/1100/1350	1900
	SA 2200 WK, SA 2200 WG	1100/1350	1900
	SA 2200 KG	1100	1900
	SA 2300 WWW, SA 2300 WWS	600/900/1100	1900
	SA 3100 W, SA 3100 C, SA 3100 K	900/1100/1350	1900
	SA 3200 WW, SA 3200 WS, SA 3200 WC, SA 3200 PW, SA 3200 PC, SA 3200 WK, SA 3200 WG, SA 3200 KG	900/1100/1350	1900
	SA 3300 WWW, SA 3300 WWS, SA 3300 WWC, SA 3300 PWS, SA 3300 PWC, SA 3300 WWK, SA 3300 WWG	900/1100/1350	1900
	SA 3400 WWW, SA 3400 WWWS, SA 3400 WWWC	900/1100/1350	1900
	SA 4100 W	1100/1350	2620
	SA 4200 WW, SA 4200 WS, SA 4200 PW, SA 4200 WG, SA 4200 DW	1100/1350	2620
	SA 4300 WWW, SA 4300 WWS, SA 4300 PWS, SA 4300 WWG, SA 4300 DWG, SA 4300 DKG	1100/1350	2620
	SA 4400 WWW, SA 4400 WWWS, SA 4400 WWKG	1100/1350	2620
	SCSB	630/930/1130/1330	1900
	SCSB2	630/930/1130/1330	1900
	SCSB3	630/930/1130/1330	1900
	Timesavers-Grindingmaster 2000 Serie	600/900/1100/1350	1900
	Timesavers-Grindingmaster 2100 Serie	600/900/1100/1350	1900
	Timesavers-Grindingmaster 2200 Serie	900/1100	1900
	Timesavers-Grindingmaster 2200 Serie	1300	2620
	Timesavers-Grindingmaster 3100 Serie	600/900	1525
	Timesavers-Sandingmaster 3300 Serie	900/1100/1350	1900/2150/2620
	Timesavers-Grindingmaster 4100 Serie	600/900/1350	1900
	Timesavers-Grindingmaster 4200 Serie	600/900/1350	1900
	Speedsander	930	1525
	137-1HDMW	940	1525
	137-1HD60	940	1525
	137-1HPM	940	1905
	143-1HD60	1090	1525

Manufacturer	Type	Abrasive belt size	
		Width in mm	Length in mm
SCM	CL 63TS, CL 110, CL 130	640/1115/1315	2150
	Sandya CL 110M	1115	2150
	CS92, CS110, CS130	930/1115/1315	2300
	Sandya Uno (CC, CS, CCS, RR, RCS)	930	1525
	Sandya 1K, Sandya 1S	970	1525
	Sandya 3	970	1900
	Sandya 3 S, Sandya 300	970/1115	1900
	Sandya 5	1115	1900
	Sandya 5 S, Sandya 600, Sandya 7S	1115/1370	2150
	Sandya 10/2, Sandya 10/3	1115/1320	2150
	Sandya 10S, Sandya 15S, Sandya 16S	1115/1370	2620
	Sandya 20, Sandya 9S	1115/1370	2620
	Sandya 30 CS	1315	2300
	Sandya 30 CLK, Sandya 7	1115	2150
	Sandya 30 CL	1315	2150
	Sandya 30/2, Sandya 30/3	930/1115/1315	2620
	Sandya 40	1370	2620
	Sandya 50	1115/1315	1900
Sandya 60	1115	2620	
Sandya L90	915	2150	
Sandya 90 CLX4G, Sandya 30 RRT130	1315	2620	
Sandya Win	640	1525	
Tagliabue	EuroSander 1350	1350-1400	2620/3250
	EuroSander 1700	1650-1730	2620/3250
	TAG	1400	2620/3250
	TAG E	1400	2620
	TAG EU	1400	2620/3250
	TAG L	430/630/830	2620
Viet	Challenge 111/113, Challenge 211/213, Challenge 221/223, Challenge 321/323, Challenge 331/333	1130/1380	2620
	Challenge 111AK, Challenge 211A, Challenge 211AK, Challenge 221AK, Challenge 221A	1130	2200
	Challenge 221B/223B	1130/1380	2620
	Rita 3/CC, Rita 4/CC	1400	3250
	S1, S2	1130/1380	2200/2620
	S3	1130/1380/1630	2620
	S4	1380	3250
Weber	S211, S219	1000	1900
	Valeria 1, 2, 3	1400	3250
	KSF	1120/1370/1620	2150/2620
	KSV	1120/1370/1620/1920/2270	2620
	KSL	1370/1620	2620
	OFZ-K1(o), -K2(o), -K3(o)	950/1150/1400	2050/2500
	OFZ KS/Q	1400	2500
	Weber 600	1120/1370	1900
	Weber 1000	1120/1370	2150
	LCS	1100/1300	1900
	LCE compact	1100/1350	1900
Weber	TT, MKS	600/1100/1350/1600	2150
	MK	920/1120/1370/1620/2020	2620
	KLE	1400	2620

Belts





**Abrasive paper**  
**PS 20 F**



**Advantages**

Universal product for stainless steel finish grinding ■ High stock removal rate

**Applications:**

- Stainless steel
- Metals
- NF metals
- Steel

**Bonding agent**

Resin

**Grain**

Aluminium oxide

**Coating**

Close

**Backing**

F-paper



**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
						■	■	■	■	■	■	■	■		■		■								

All sizes and minimum purchasing quantities available on request

**Abrasive paper**  
**PS 21 F**



**Advantages**

Aggressive abrasive behavior due to self-sharpening zirconia alumina ■ Optimal recipe for rough grinding and finish grinding of stainless steel

**Applications:**

- Stainless steel
- Metals
- Steel

**Bonding agent**

Resin

**Grain**

Zirconia alumina

**Coating**

Close

**Backing**

F-paper



**Available grits:**

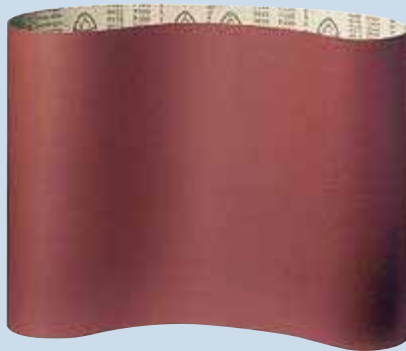
16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
				■		■	■	■	■	■	■	■	■	■	■		■								

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36, 71 - 73.**

**Abrasive paper, ANTISTATIC**  
**PS 22 F ACT**



**Advantages**

High removal rate, fine surface scratch pattern, especially suitable for hardwood, HPL panels and melamine and primer foil coatings ■ Reduced clogging and longer service life due to ACT recipe and antistatic properties

**Applications:**

- Wood
- Metals
- Paint/Varnish/Filler
- Plastic

**Bonding agent**

Resin

**Grain**

Aluminium oxide

**Coating**

Close

**Backing**

F-paper

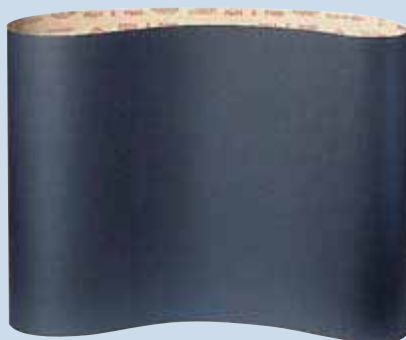


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
				■	■	■	■	■	■	■	■	■	■	■	■	■	■								

All sizes and minimum purchasing quantities available on request

**Abrasive paper, ANTISTATIC**  
**PS 24 F ACT**



**Advantages**

For hard and tough surfaces ■ Produces a brilliant, high-gloss finish of stainless steel surfaces due to the very hard and sharp-edged silicon carbide grit ■ Long service life on varnish surfaces in the wood and furniture industry due to ACT recipe and antistatic properties

**Applications:**

- Stainless steel
- Paint/Varnish/Filler
- Plastic
- Wood

**Bonding agent**

Resin

**Grain**

SiC

**Coating**

Close

**Backing**

F-paper



**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
							■		■	■	■	■	■	■	■	■	■	■	■	■					

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36, 71 - 73.**

**Abrasive paper, SUPER ANTISTATIC**  
**PS 26 F**

**Advantages**

Premium type for use on wood and veneer ■ High tear resistance, smooth belt operation ■ Optimal electrical conductivity, no dust accumulation due to perfect antistatic properties

**Applications:**

- Wood

**Bonding agent**

Resin

**Grain**

Aluminium oxide

**Coating**

Open

**Backing**

F-paper


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
							■	■	■	■	■	■													

All sizes and minimum purchasing quantities available on request

**Abrasive paper, ANTISTATIC**  
**PS 27 DW**

**Advantages**

Special product for high-quality varnish surfaces, especially UV finishes ■ Substantially reduced clogging and significantly longer service life due to additional stearate coating and antistatic properties

**Applications:**

- Paint/Varnish/Filler
- Aluminium

**Bonding agent**

Resin

**Grain**

SiC

**Coating**

Open

**Backing**

D-paper


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
											■	■	■	■	■	■	■	■	■						

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36, 71 - 73.**

**Abrasive paper, ANTISTATIC**  
**PS 28 F**

**NEW**



**Advantages**

Universal type for use on wood, especially softwood ■ Price-optimized version for wide belts up to 1350 mm

**Applications:**

- Wood
- Leather

**Bonding agent**

Resin

**Grain**

Aluminium oxide

**Coating**

Open

**Backing**

F-paper



**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
				■	■	■	■	■	■	■	■	■													

All sizes and minimum purchasing quantities available on request

**Abrasive paper, ANTISTATIC**  
**PS 29 F ACT**



**Advantages**

High-quality universal type for general woodworking ■ Large product mix ■ Reduced clogging and longer service life due to ACT recipe and antistatic properties

**Applications:**

- Wood

**Bonding agent**

Resin

**Grain**

Aluminium oxide

**Coating**

Open

**Backing**

F-paper



**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
				■	■	■	■	■	■	■	■	■	■	■	■		■								

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number
930 x 1525	60	F1	10	307851
930 x 1525	80	F1	10	307852
930 x 1525	100	F1	10	307853
930 x 1525	120	F1	10	307854
930 x 1900	80	F1	10	307855
1100 x 1900	60	F1	10	307856
1100 x 1900	80	F1	10	307857
1100 x 1900	120	F1	10	307859
1100 x 1900	150	F1	10	307860
1120 x 1900	60	F1	10	292903
1120 x 1900	80	F1	10	292904

Continuation →

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36, 71 - 73.**

**Continuation of PS 29 F ACT, Abrasive paper, ANTISTATIC**

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number		
1120 x 1900	100	F1	10	292935		
1120 x 1900	120	F1	10	292936		
1120 x 1900	150	F1	10	292937		
1120 x 1900	180	F1	10	307861		
1120 x 2150	60	F1	10	307862		
1120 x 2150	80	F1	10	307863		
1120 x 2150	100	F1	10	307864		
1120 x 2150	120	F1	10	307865		
1120 x 2150	150	F1	10	307866		
1350 x 2620	60	F1	10	292938		
1350 x 2620	80	F1	10	292939		
1350 x 2620	100	F1	10	292940		
1350 x 2620	120	F1	10	292941		
1350 x 2620	150	F1	10	292942		
1350 x 2620	180	F1	10	307867		
1360 x 1900	60	F1	10	307868		
1360 x 1900	80	F1	10	307869		
1360 x 1900	120	F1	10	307870		
1360 x 1900	150	F1	10	307871		
1380 x 2150	80	F1	10	307872		
1380 x 2150	120	F1	10	307873		
1380 x 2150	150	F1	10	307874		

**Abrasive paper**
**PS 38 G ACT**
**NEW**
**Advantages**

High removal rate and fine surface scratch pattern, specially developed for fine sanding of wood-based materials with wide belts and segmented belts ■ Outstanding grit adhesion, very long service life due to perfect antistatic properties and ACT recipe


**Applications:**

- Wood based materials

**Bonding agent**

Resin

**Grain**

SiC

**Coating**

Close

**Backing**

G-paper


**Available grits:**

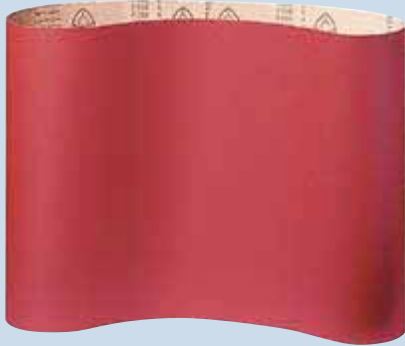
16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
							■	■	■	■	■														

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36, 71 - 73.**

**Abrasive paper**  
**PS 61 F**



**Advantages**

Continuously aggressive abrasive behavior due to micro-crystalline and self-sharpening ceramic grit ■  
High-performance abrasive belt for stainless steel finish grinding

**Applications:**

- Stainless steel
- Steel
- Wood

**Bonding agent**

Resin

**Grain**

Ceramic Al. oxide

**Coating**

Close

**Backing**

F-paper



**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
						■	■		■	■	■	■	■	■											

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36, 71 - 73.**

**Abrasive cloth**  
**CS 308 Y**



**Advantages**

Universal product for metal and wood applications ■ High tear resistance ■ Moisture-proof

**Applications:**

- Wood
- NF metals
- Stainless steel
- Steel
- Plastic

**Bonding agent**

Resin

**Grain**

Aluminium oxide

**Coating**

Close

**Backing**

Y-polyester



**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
				■		■	■	■	■	■	■		■												

All sizes and minimum purchasing quantities available on request

**Abrasive cloth**  
**CS 310 X**



**Advantages**

Universal product with optimal price-performance ratio ■ Available in a wide grit range

**Applications:**

- Metals
- Steel
- Stainless steel
- Wood
- Plastic

**Bonding agent**

Resin

**Grain**

Aluminium oxide

**Coating**

Close

**Backing**

X-cotton



**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
■	■		■	■	■	■	■	■	■	■	■	■	■	■	■		■	■	■						

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36, 71 - 73.**

**Abrasive cloth ANTISTATIC**  
**CS 311 Y ACT**



**Advantages**

Specially developed for calibration grinding of wood ■ Reduced clogging and longer service life due to ACT recipe and antistatic properties

**Applications:**

- Wood
- Metals

**Bonding agent**

Resin

**Grain**

Aluminium oxide

**Coating**

Open

**Backing**

Y-polyester



**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
			■	■	■	■	■	■	■	■	■	■													

All sizes and minimum purchasing quantities available on request

**Abrasive cloth, waterproof**  
**CS 320 Y**



**Advantages**

Very hard and sharp silicon carbide grain for hard and tough workpiece surfaces ■ High aggressiveness and abrasive performance ■ Especially suitable for wet grinding of glass, ceramic and plastic

**Applications:**

- Mineral-based materials
- Plastic

**Bonding agent**

Resin

**Grain**

SiC

**Coating**

Close

**Backing**

Y-polyester



**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
■	■			■		■	■	■	■		■														

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36, 71 - 73.**



**Abrasive cloth, waterproof**  
**CS 321 X**

**Advantages**

Produces a brilliant, glossy finish of stainless steel surfaces due to the very hard and sharp-edged silicon carbide grit ■ High aggressiveness and abrasive performance ■ Especially suitable for wet grinding of glass, ceramic and plastic

**Applications:**

- Mineral-based materials
- Plastic
- Stainless steel

**Bonding agent**

Resin

**Grain**

SiC

**Coating**

Close

**Backing**

X-cotton


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
							■	■	■	■	■	■	■	■	■		■	■		■					

All sizes and minimum purchasing quantities available on request

**Abrasive cloth, KULEX**  
**CS 326 Y**

**Advantages**

Long-life abrasive belt for a satin surface scratch pattern, under medium to high grinding pressure ■ Extremely long life, with consistent surface roughness and finish ■ Suitable for dry and wet grinding

**Applications:**

- Stainless steel
- Steel

**Bonding agent**

Resin

**Grain**

Al. oxide agglom.

**Backing**

Y-polyester


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
							■		■		■		■		■		■		■						

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36, 71 - 73.**

**Abrasive cloth, KULEX**  
**CS 329 Y**



**Advantages**

Long-life abrasive belt for a satin surface scratch pattern, under low to medium grinding pressure ■ Especially suitable for dry grinding

**Applications:**

- Stainless steel
- Steel

**Bonding agent**

Resin

**Grain**

Al. oxide agglom.

**Backing**

Y-polyester



**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
							■		■		■		■		■		■		■						

All sizes and minimum purchasing quantities available on request

**Abrasive cloth**  
**CS 330 X**



**Advantages**

Special product for soft and fine grinding, polishable due to very hard and sharp-edged silicon carbide grit on cork granulate ■ Special satin finish grinding on steel and stainless steel surfaces ■ Suitable for dry and wet grinding

**Applications:**

- Steel
- Stainless steel

**Bonding agent**

Resin

**Grain**

SiC/Cork

**Coating**

Close

**Backing**

X-cotton



**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
												■		■			■		■	■					

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36, 71 - 73.**

**Abrasive cloth ANTISTATIC  
CS 336 Y**

**NEW**



**Advantages**

High removal rate, especially suitable for calibration and fine sanding of wood-based materials (one-piece wide belts up to 1620 mm) ■ Optimal electrical conductivity, no dust accumulation due to perfect antistatic properties

**Applications:**

- Wood
- Mineral-based materials
- Wood based materials

**Bonding agent**

Resin

**Grain**

SiC

**Coating**

Semi-open

**Backing**

Y-polyester



**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
			■	■	■																				

All sizes and minimum purchasing quantities available on request

**Abrasive cloth, waterproof  
CS 341 X**



**Advantages**

Universal product for wet and dry grinding of steel and stainless steel ■ Excellent wear properties in wet grinding

**Applications:**

- Metals
- Stainless steel
- Steel
- NF metals

**Bonding agent**

Resin

**Grain**

Aluminium oxide

**Coating**

Close

**Backing**

X-cotton



**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
						■	■	■	■	■	■	■	■	■	■		■	■	■						

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36, 71 - 73.**

**Abrasive cloth, multibond**  
**CS 409 Y**



**Advantages**

Aggressive abrasive behavior due to self-sharpening zirconia alumina ■ Prevents heat tinting on stainless steel ■ Cool grinding due to additional multibond ■ Minimal clogging when used on aluminum and aluminum alloys

**Applications:**

- Stainless steel

**Bonding agent**

Resin

**Grain**

Zirconia alumina

**Coating**

Close

**Backing**

Y-polyester



**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
			■	■	■	■	■	■	■																

All sizes and minimum purchasing quantities available on request

**Abrasive cloth, waterproof**  
**CS 411 Y**



**Advantages**

Aggressive abrasive behavior ■ Universal product for use on steel and stainless steel

**Applications:**

- Steel
- Stainless steel
- Metals

**Bonding agent**

Resin

**Grain**

Zirconia alumina

**Coating**

Close

**Backing**

Y-polyester



**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
	■		■	■	■	■	■	■	■																

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36, 71 - 73.**

**Abrasive cloth, waterproof**  
**CS 412 Y**

**Advantages**

Universal product for rough and intermediate grinding of steel and non-ferrous metals

**Applications:**

- Stainless steel
- Metals
- Steel
- NF metals
- Wood

**Bonding agent**

Resin

**Grain**

Aluminium oxide

**Coating**

Close

**Backing**

Y-polyester


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
	■		■	■	■	■	■	■	■	■	■		■												

All sizes and minimum purchasing quantities available on request

**Abrasive cloth ANTISTATIC**  
**CS 538 Z**

**Advantages**

 High removal rate, especially suitable for calibration and fine sanding of wood-based materials with segmented wide belts (width  $\geq 1620$  mm) ■ Outstanding grit adhesion, very long service life due to perfect antistatic properties and ACT recipe

**Applications:**

- Wood based materials

**Bonding agent**

Resin

**Grain**

SiC

**Coating**

Close

**Backing**

Z-polyester


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
			■	■	■	■	■	■	■	■	■														

All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36, 71 - 73.**

**Abrasive cloth**

**CS 912 Y ACT**

**Advantages**

Continuously aggressive abrasive behavior due to micro-crystalline and self-sharpening ceramic grit ■  
High-performance abrasive belt for stainless steel finish grinding



**Applications:**

- Stainless steel
- Steel

**Bonding agent**

Resin

**Grain**

Ceramic Al. oxide

**Coating**

Close

**Backing**

Y-polyester



**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
	■		■	■	■	■	■	■	■	■	■														

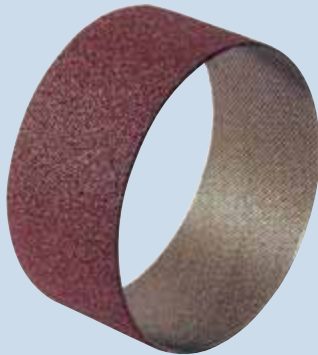
All sizes and minimum purchasing quantities available on request

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36, 71 - 73.**

**Abrasive cloth**  
**CS 310 X**
**Advantages**

Tear-resistant cloth with reinforced backing ■ Spiral shaped joint, cylindrical form ■ Universal use in metalworking ■ High aggressiveness when used with rubber drum GK 310


**Applications:**

- Metals
- Plastic

**Bonding agent**

Resin

**Grain**

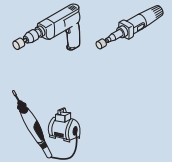
Aluminium oxide

**Coating**

Close

**Backing**

X-cotton


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
					■		■			■															

Diameter x Height in mm	Grit	Packing unit/pcs.	Cat. number		
10 x 20	80	50	11555		
10 x 20	150	50	11554		
13 x 25	50	50	28188		
13 x 25	80	50	11558		
13 x 25	150	50	11557		
15 x 30	50	50	11568		
15 x 30	80	50	11567		
15 x 30	150	50	11566		
22 x 20	50	50	11571		
22 x 20	80	50	11570		
22 x 20	150	50	11569		
30 x 20	50	50	11574		
30 x 20	80	50	11573		
30 x 20	150	50	11572		
30 x 30	50	50	11577		
30 x 30	80	50	11576		
30 x 30	150	50	11575		
45 x 30	50	50	11580		
45 x 30	80	50	11579		
45 x 30	150	50	11578		
60 x 30	50	25	11583		
60 x 30	80	25	11582		
60 x 30	150	25	11581		
75 x 30	50	25	11586		
75 x 30	80	25	11585		
75 x 30	150	25	11584		

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**



## Abrasive cloth

### CS 310 X

## Advantages

Tear-resistant cloth with reinforced backing ■ Spiral shaped joint, cone-shaped ■ Universal use in metalworking ■ High aggressiveness when used with rubber drum GK 310



## Applications:

- Metals
- Plastic

## Bonding agent

Resin

## Grain

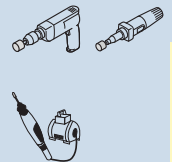
Aluminium oxide

## Coating

Close

## Backing

X-cotton



Belts

## Available grits:

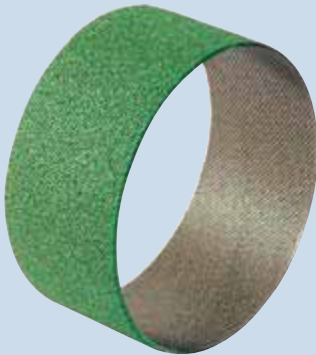
16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
					■		■			■															

Diameter x Height in mm	Grit	Packing unit/pcs.	Cat. number		
22 x 29 x 30	50	50	11592		
22 x 29 x 30	80	50	11591		
22 x 36 x 60	50	50	11595		
22 x 36 x 60	80	50	11594		
22 x 36 x 60	150	50	11593		

Other sizes available on request.

Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.



**Abrasive cloth, multibond  
CS 451 X**

**Advantages**

Tear-resistant cloth with reinforced backing ■ Spiral shaped joint, cylindrical form ■ High-quality zirconia alumina with multibond especially suited for working on stainless steel ■ High aggressiveness when used with rubber drum GK 310

**Applications:**

- Stainless steel

**Bonding agent**

Resin

**Grain**

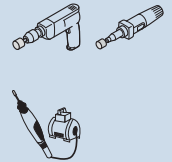
Zirconia alumina

**Coating**

Close

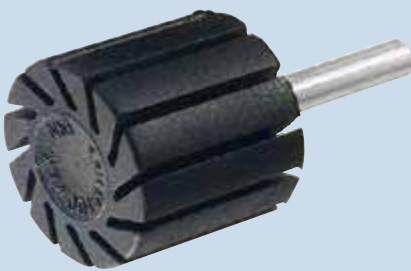
**Backing**

X-cotton


**Available grits:**

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
						■	■		■																

Diameter x Height in mm	Grit	Packing unit/pcs.	Cat. number		
30 x 20	60	50	255475		
30 x 20	120	50	255584		
45 x 30	60	50	255476		
45 x 30	120	50	255625		
60 x 30	60	25	255626		
60 x 30	120	25	255627		

**Rubber drums  
GK 310**

**Advantages**

Reusable rubber drum for cylindrical abrasive sleeves CS 310 X and CS 451 X ■ Mounting and dismounting by a light turn

Diameter x Height x Shaft in mm	Max. RPM	Packing unit/pcs.	Cat. number		
10 x 20 x 6	44.000 rpm	1	14843		
13 x 25 x 6	44.000 rpm	1	14845		
15 x 30 x 6	36.000 rpm	1	14847		
22 x 20 x 6	26.000 rpm	1	14848		
30 x 20 x 6	19.100 rpm	1	14849		
30 x 30 x 6	19.100 rpm	1	14850		
45 x 30 x 6	12.700 rpm	1	14851		
60 x 30 x 6	9.500 rpm	1	14852		
75 x 30 x 8	7.600 rpm	1	14853		

Other sizes available on request.

**Please observe: Minimum order quantities for manufactured items see page 36; Please see Applications Guide on page 34 - 36.**

## Rubber drums

### GK 310

#### Advantages

Reusable rubber drum for cone-shaped abrasive sleeves CS 310 X ■ Mounting and dismounting by a light turn



Diameter x Height x Shaft in mm	Max. RPM	Packing unit/pcs.	Cat. number		
22/29 x 30 x 6	19.100 rpm	1	14855		
22/36 x 60 x 6	15.900 rpm	1	14856		