



PAPER SHEET COMPETITIVE CROSS REFERENCE

CARBORUNDUM	3M	HERMES	KLINGSPOR	MIRKA	SIA	VSM
A 0311 O	110N	–	–	–	–	–
A 0811 O	210N, 210U	HFB	PL31	–	–	–
BF 0415 W	401Q	WSFlex18B	PS11	Waterproof (A)	–	CP918A
BF 0416 W	413Q	WSFlex18B	PS11	Waterproof (A)	–	CP918A
B 0412 DO	414N, 415N, 415U, 426U	PSF-LL, SA168	PL35	CaratFlex, FineFlex	1748	CP131A
B 0912 DO, B 0712 DO	214U, 216U, 334U, 734U	HC133, HCAB	PS33	Royal, Royal Micro	1950 Siaspeed	–
BF 0916 W, BF 0716 W	213Q	–	PS12	–	–	–
C 0311 O	130N	GCAB	–	–	–	–
C 0414 W	438Q, 431Q	WSFlex18C	PS11	–	–	CP918C
C 0811 O	230N	HFB	PL31	–	–	KP31B
D 0311 O	140N	GCAB	–	–	–	–
D 0811 O	230U, 240N, 346U	–	–	–	–	KP31C

PAPER SHEET STARTING RECOMMENDATIONS BY MATERIAL/APPLICATION

MATERIAL	BEST PERFORMANCE	GENERAL DUTY
Unfinished Metal	B 0912 DO / B 0712 DO	D 0811 O, C 0811 O, A 0811 O, PB273
Primed and Painted Surfaces	B 0912 DO / B 0712 DO	D 0811 O, C 0811 O, A 0811 O, PB273
Fiberglass / Composites	B 0912 DO / B 0712 DO	PB273
Bare Wood	B 0912 DO / B 0712 DO	A 0311 O, C 0311 O, D 0311 O, D 0811 O, C 0811 O, A 0811 O
Clear Coat Sanding	BF 0415 W	–
Sealer Sanding	B 0912 DO / B 0712 DO	B 0412 DO, PB273
Lacquer Sanding	BF 0415 W, BF 0416 W	C 0414 W, B 0912 DO / B 0712 DO, BF 0916 W
Wet Sanding	BF 0415 W, BF 0416 W	C 0414 W, B 0912 DO / B 0712 DO, BF 0916 W
Paint Stripping	B 0912 DO / B 0712 DO	–

CLOTH SHEET COMPETITIVE CROSS REFERENCE

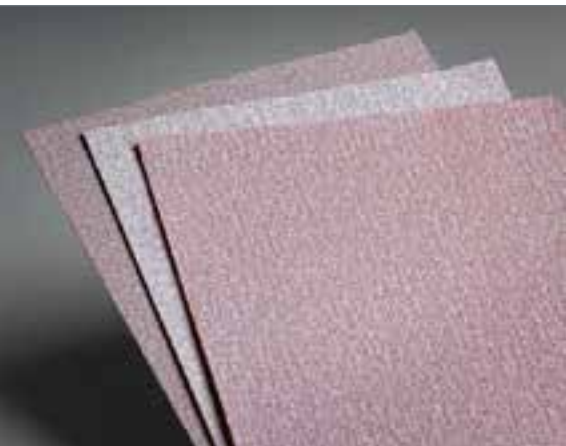
CARBORUNDUM	3M	HERMES	KLINGSPOR	SIA	VSM
JC 0250	011K Crystal Bay	–	KL371	C680J	–
XC 0851	311T Three-M-lte BG, 211K Electrocut	RB317LX	CS310X	–	KK504X
JCF 0852	211K Three-M-lte, 311K Three-M-lte	RB232J	KL361	2947J	KK504J KK504X
M 0405 W	481W	–	–	–	–

CLOTH SHEET STARTING RECOMMENDATIONS

CUT RATE	FINISH	SPEC
Waterproof	Load Resistant	M 0405 W
Fast Cut	General Finish	JCF 0852
Slow Cut	Fine Finish	JC 0250

PREMIER RED PAPER SHEETS

Best Tier / Aluminum Oxide Dri-Lube Resin Paper Open



Ultimate choice for machine and hand sanding of paints, primers, light metals and basecoat/clearcoat paints.

FEATURES	BENEFITS
<ul style="list-style-type: none"> P-graded, heat-treated, aluminum oxide abrasive 	<ul style="list-style-type: none"> Consistent finish without a deep scratch 30% to 50% faster cut rate than conventional aluminum oxide sheets
<ul style="list-style-type: none"> Full resin bond system 	<ul style="list-style-type: none"> Improved grain adhesion and longest life
<ul style="list-style-type: none"> Unique fiber-reinforced, B-weight, latex-saturated backing 	<ul style="list-style-type: none"> 50% – 60% improvement in tear strength, superior resistance to delamination Durable, yet flexible
<ul style="list-style-type: none"> Special, undyed stearate oversize and an open coat 	<ul style="list-style-type: none"> Superior load resistance and extended life No color transfer to work

PART #	GRADING		SHEETS/PKG.	SHEETS/CASE
9" x 11"				
05539520538	P80	B 0912 DO	50	250
05539520537	P100	B 0912 DO	100	500
05539520536	P120	B 0912 DO	100	500
05539520535	P150	B 0912 DO	100	500
05539520534	P180	B 0912 DO	100	500
05539520533	P220	B 0912 DO	100	500
05539520532	P240	B 0912 DO	100	500
05539520531	P280	B 0912 DO	100	500
05539520530	P320	B 0912 DO	100	500
05539520529	P400	B 0912 DO	100	500

PART #	GRADING		SHEETS/PKG.	SHEETS/CASE
9" x 11" (CONTINUED)				
05539563785	P500	B 0912 DO	100	500
05539520528	P600	B 0912 DO	100	500
05539514148	P800	B 0712 DO	100	500
05539520527	P1000	B 0712 DO	100	500
05539520526	P1200	B 0712 DO	100	500



MERIT PB273 PAPER SHEETS

Good Tier / Aluminum Oxide Dri-Lube Resin Paper Open



Good choice for sanding paint, primer, plastics, and fiberglass, as well as whitewood sanding, clean-up, and repair – at a low initial price.

FEATURES	BENEFITS
<ul style="list-style-type: none"> P-graded, sharp, light-brown aluminum oxide abrasive 	<ul style="list-style-type: none"> Fast cut rate, extended life, and consistent finish
<ul style="list-style-type: none"> Full resin bond system 	<ul style="list-style-type: none"> Improved grain adhesion and longest life
<ul style="list-style-type: none"> Premium B-weight latex-saturated, high-internal-bond paper backing 	<ul style="list-style-type: none"> Improved resistance to delamination
<ul style="list-style-type: none"> Water-based stearate anti-loading oversize and an open coat 	<ul style="list-style-type: none"> Improved load resistance on a broad range of substrates
<ul style="list-style-type: none"> No pigment in anti-load oversize or bond 	<ul style="list-style-type: none"> No risk of color transfer, stronger bond

PART #	GRADING		SHEETS/PKG.	SHEETS/CASE
9" x 11"				
66623311878	P80	PB273	50	250
66623311877	P100	PB273	100	500
66623311876	P120	PB273	100	500
66623311875	P150	PB273	100	500
66623311874	P180	PB273	100	500
66623311873	P220	PB273	100	500
66623311879	P240	PB273	100	500
66623311871	P320	PB273	100	500
66623311870	P400	PB273	100	500



SILICON CARBIDE PAPER SHEETS

Better Tier / Silicon Carbide Dri-Lube Resin Paper Open

CARBO™



For hand and machine sanding paint and primer, as well as whitewood clean-up and sealer sanding.

FEATURES	BENEFITS
• P-graded silicon carbide abrasive	• Sharp cut, excellent finish
• Full resin bond system	• Improved grain adhesion and longest life
• Flexible B-weight latex-saturated paper	• Increased flexibility and tear strength
• Stearate oversize	• Improved load resistance

PART #	GRADING		SHEETS/PKG.	SHEETS/CASE
9" x 11"				
05539510819	80	B 0412 DO	50	250
05539510818	100	B 0412 DO	100	500
05539510817	120	B 0412 DO	100	500
05539510816	150	B 0412 DO	100	500
05539510815	180	B 0412 DO	100	500
05539510814	220	B 0412 DO	100	500
05539510813	240	B 0412 DO	100	500
05539510812	280	B 0412 DO	100	500
05539510810	320	B 0412 DO	100	500
05539510808	400	B 0412 DO	100	500



PREMIER RED MIRROR FINISH PAPER SHEETS

Best Tier / Aluminum Oxide Resin Waterproof Paper

CARBO™
MIRROR
finish™



Ideal for removing surface imperfections in acrylic lacquers, enamels, urethanes and clearcoats. Use wet for best results.

FEATURES	BENEFITS
• Premium, P-graded, heat-treated aluminum oxide abrasive	• Ultimate cut and life in wet applications
• Strong, resin bond system	• Long life in wet applications
• B-weight, high-latex, waterproof paper backing	• Ultimate flexibility
	• Wet-curl resistance
	• Environmentally stable, resists humidity-caused curling

PART #	GRADING		SHEETS/PKG.	SHEETS/CASE
9" x 11"				
05539563888	P220	BF 0916 W	5	250
05539563887	P240	BF 0916 W	5	250
05539563885	P320	BF 0916 W	5	250
05539563884	P400	BF 0916 W	5	250
05539563883	P500	BF 0916 W	5	250
05539563882	P600	BF 0916 W	5	250
05539563881	P800	BF 0716 W	5	250



PREMIER RED MIRROR FINISH PAPER SHEETS

Best Tier / Silicon Carbide Resin Waterproof Paper



Ideal for producing very fine finishes in wet applications.

FEATURES	BENEFITS
<ul style="list-style-type: none"> Premium, ultra fine (1000-2000 grits), silicon carbide abrasive 	<ul style="list-style-type: none"> Ultimate finish in wet applications Higher cut rate and improved life
<ul style="list-style-type: none"> Full resin bond 	<ul style="list-style-type: none"> Longer life in wet applications
<ul style="list-style-type: none"> Extremely flexible B-weight waterproof paper backing 	<ul style="list-style-type: none"> Much improved wet-curl resistance Environmentally stable; resists humidity-caused curling

PART #	GRADING		SHEETS/PKG.	SHEETS/CASE
9" x 11"				
05539563880	1000	BF 0415 W	50	250
05539563879	1200	BF 0415 W	50	250
05539563878	1500	BF 0415 W	50	250
05539563877	2000	BF 0415 W	50	250



SILICON CARBIDE PAPER SHEETS

Better Tier / Silicon Carbide Resin Waterproof Paper



Exceptional finishing in wet applications.

FEATURES	BENEFITS
<ul style="list-style-type: none"> Sharp, strong silicon carbide abrasive 	<ul style="list-style-type: none"> Exceptional finishes in wet applications
<ul style="list-style-type: none"> Full resin bond 	<ul style="list-style-type: none"> Longer life in wet applications
<ul style="list-style-type: none"> Extremely flexible, B-weight waterproof paper backing 	<ul style="list-style-type: none"> Improved wet-curl resistance Environmentally stable: resists humidity-caused curling

PART #	GRADING		SHEETS/PKG.	SHEETS/CASE
9" x 11"				
05539563866	220	BF 0416 W	50	250
05539563865	240	BF 0416 W	50	250
05539563864	280	BF 0416 W	50	250
05539563863	320	BF 0416 W	50	250
05539563862	360	BF 0416 W	50	250
05539563861	400	BF 0416 W	50	250
05539563860	500	BF 0416 W	50	250
05539563859	600	BF 0416 W	50	250



SILICON CARBIDE PAPER SHEETS

Good Tier / Silicon Carbide Resin Waterproof Paper



May be used wet or dry on plastic or painted surfaces. Best results are obtained when used wet. Excellent for machine and hand rubbing of lacquer, urethane and varathane between coats. Ideal for obtaining fine finishes and feather-edging painted surfaces.

FEATURES	BENEFITS
<ul style="list-style-type: none"> Silicon carbide abrasive 	<ul style="list-style-type: none"> Ideal for finish sanding
<ul style="list-style-type: none"> Resin bond 	<ul style="list-style-type: none"> Excellent grain adhesion
<ul style="list-style-type: none"> Strong waterproof paper backing 	<ul style="list-style-type: none"> Resistance to deterioration when used wet

PART #	GRADING		SHEETS/PKG.	SHEETS/CASE
9" x 11"				
05539510798	60	C 0414 W	50	250
05539510797	80	C 0414 W	50	250
05539510796	100	C 0414 W	50	250
05539510795	120	C 0414 W	50	250
05539510794	150	C 0414 W	50	250
05539510793	180	C 0414 W	50	250



ALUMINUM OXIDE PAPER SHEETS

Good Tier / Aluminum Oxide Paper Open

CARBO™



Ideal for general-duty dry sanding of paint, primers, light metals and woods.

FEATURES	BENEFITS
<ul style="list-style-type: none"> P-graded, aluminum oxide abrasive 	<ul style="list-style-type: none"> Tough and durable

PART #	GRADING		SHEETS/PKG.	SHEETS/CASE
9" x 11"				
05539510876	P36	D 0811 O	25	125
05539510875	P40	D 0811 O	25	125
05539510874	P50	D 0811 O	50	250
05539510873	P60	C 0811 O	50	250
05539510872	P80	C 0811 O	50	250
05539510871	P100	C 0811 O	100	500
05539510870	P120	C 0811 O	100	500
05539510868	P150	C 0811 O	100	500
05539510862	P180	A 0811 O	100	500
05539510861	P220	A 0811 O	100	500



GARNET PAPER SHEETS

Good Tier / Garnet Paper Open

CARBO™



For hand and machine sanding of whitewood.

FEATURES	BENEFITS
<ul style="list-style-type: none"> Natural garnet abrasive Unique bond system 	<ul style="list-style-type: none"> Sharp and consistent cutting action Durable

PART #	GRADING		SHEETS/PKG.	SHEETS/CASE
9" x 11"				
05539510854	50	D 0311 O	50	250*
05539510853	60	C 0311 O	50	250
05539510852	80	C 0311 O	50	250
05539510851	100	C 0311 O	100	500
05539510850	120	C 0311 O	100	500
05539510849	150	C 0311 O	100	500
05539510848	80	A 0311 O	50	250
05539510847	100	A 0311 O	100	500
05539510846	120	A 0311 O	100	500
05539510845	150	A 0311 O	100	500
05539510844	180	A 0311 O	100	500
05539510843	220	A 0311 O	100	500



EMERY CLOTH SHEETS

Good Tier / Emery Cloth

CARBO™



Used for removing light burrs and cleaning and polishing metals. May be used dry or with oil.

FEATURES	BENEFITS
<ul style="list-style-type: none"> Natural emery abrasive Flexible, cotton backing 	<ul style="list-style-type: none"> Soft by nature, for light abrading and sanding Follows shapes and contours

PART #	GRADING		SHEETS/PKG.	SHEETS/CASE
9" x 11"				
05539510887	Coarse	JC 0250	25	125
05539510886	Medium	JC 0250	50	250
05539510885	Fine	JC 0250	50	250



ALUMINUM OXIDE CLOTH SHEETS

Good Tier / Aluminum Oxide Resin Cloth

CARBO™



Ideal for hand sanding, deburring, polishing and removing cutting tool marks on all metal parts.

FEATURES	BENEFITS
• P-graded, aluminum oxide abrasive	• Tough and durable
• Advanced full resin bond system	• Exceptional grain adhesion for long life
• JCF 0852: orange, J-weight backing with increased flexibility	• Superior conformability to complex surfaces and better finishes

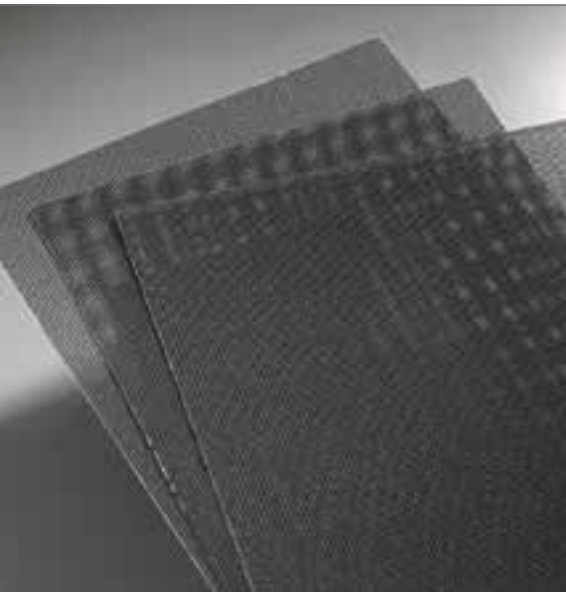
PART #	GRADING		SHEETS/PKG.	SHEETS/CASE
9" x 11"				
05539510988	P40	XC 0851	25	125
05539511103	P50	XC 0851	25	125
05539511143	P60	XC 0851	25	125
05539529361	P80	JCF 0852	25	125
05539529360	P100	JCF 0852	50	250
05539529359	P120	JCF 0852	50	250
05539529358	P150	JCF 0852	50	250
05539529357	P180	JCF 0852	50	250
05539529356	P220	JCF 0852	50	250
05539529355	P240	JCF 0852	50	250
05539529354	P280	JCF 0852	50	250
05539529353	P320	JCF 0852	50	250
05539529352	P400	JCF 0852	50	250
05539563813	P500	JCF 0851	50	250
05539529351	P600	JCF 0852	50	250



SILICON CARBIDE SANDSCREEN SHEETS

Good Tier / Silicon Carbide Waterproof Resin Sandscreen

CARBO™



Ideally suited for floorsanding, drywall, ceramics and wet deck sanding. May be used wet or dry.

FEATURES	BENEFITS
• Black, silicon carbide abrasive	• Very sharp and hard, but brittle
• P-graded in 220 and coarser grits	• Provides consistent finishes
• Full resin bond system	• Maximum grain adhesion
• Screen backing	• Load resistant
	• Both sides are usable

PART #	GRADING		SHEETS/PKG.	SHEETS/CASE
9" x 11"				
05539512316	P80	M 0405 W	25	125
05539512315	P100	M 0405 W	25	125
05539512314	P120	M 0405 W	25	125
05539512313	P150	M 0405 W	25	125
05539512312	P180	M 0405 W	25	125
05539512310	P220	M 0405 W	25	125
05539512308	320	M 0405 W	25	125
05539512307	400	M 0405 W	25	125



TechTip

Use light machine oil with cloth sheets as a lubricant for finer finishes and quicker cut.



It is the user's responsibility to refer to and comply with ANSI B7.7