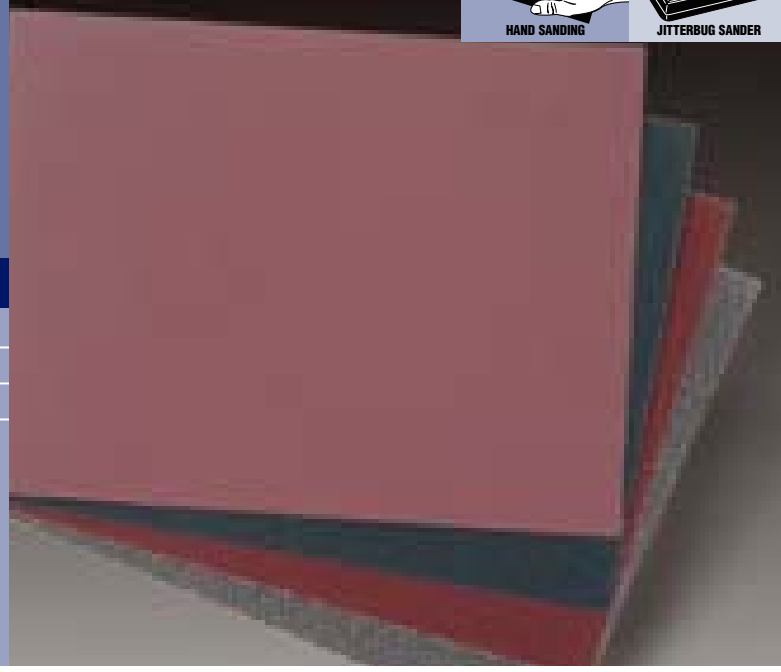


## Cloth Sheets

Engineered for maximum flexing and fast cutting, cloth sheets have a longer life than paper sheets. They tear cleanly and straight without shedding and are packed in a protective dispenser to eliminate waste and damage.

### Typical Applications

- Scouring and light deburring
- Scale and rust removal
- Blending machine tool marks
- Fine sanding and polishing



### GOOD Metalite K225 Sheets – General purpose metalworking applications

FEATURES	BENEFITS
• Premium P-graded aluminum oxide abrasive	• Greater cut rate than competitive products
• Advanced full resin bond system	• Exceptional grain adhesion for longer life
• Flexible J-wt cotton backing	• Superior conformability to complex surfaces and better finishes



### GOOD Lightning Metalite K227 Sheets – For quality finishing and polishing

FEATURES	BENEFITS
• P-graded aluminum oxide abrasive	• Fast cut rate and consistent finish
• Resin bond system	• Long life
• J-wt cotton backing with increased flexibility	• Superior conformability to complex surfaces and better finishes



### GOOD Emery K622 Sheets – Ideal for extra fine finishes

FEATURES	BENEFITS
• K622 – Highest quality, natural emery abrasive	• Produces extra fine finishes, ideal for lapping

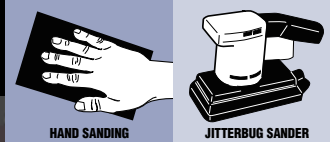


### GOOD Screen-Bak Durite Q421 Sheets – For wet or dry applications

FEATURES	BENEFITS
• P-graded silicon carbide abrasive (220 and coarser) on an open mesh backing	• Extreme resistance to loading, long life
	• Waterproof



# CLOTH SHEETS



HAND SANDING

JITTERBUG SANDER

## 9 x 11 Cloth Sheets

SIZE	GRIT	MIN./STD. PKG.	GOOD METALITE K225*	GOOD METALITE K227*	GOOD EMERY K622	GOOD** SCREEN-BAK Q421†
			UPC NO.	UPC NO.	UPC NO.	UPC NO.
9 x 11	40	25/125	66261058713* <b>new!</b>			
	50	25/125	66261101862*			
	60	25/125	66261101861*			
	80	25/125	66261126340	66261101750		66261100960*
	100	50/250	66261126339	66261101745		66261100955*
	120	50/250	66261126338	66261101740		66261100950*
	150	50/250	66261126337	66261101735		66261100945*
	180	50/250	66261126336	66261101730		66261100940*
	220	50/250	66261126335			66261100935*
	240	50/250	66261126334			
	280	50/250	66261126333	66261101720		
	320	50/250	66261126332	66261101710		66261100920*
	400	50/250	66261126331	66261101705		66261100915*
	500	50/250		66261101700		
	600	50/250	66261126330			
	Extra Coarse	25/125			66261101255	
	Coarse	25/125			66261101250	
	Medium	50/250			66261101245	
	Fine	50/250			66261101240	
Finer than 500	50/250					

\*SUPPLIED IN E-Z FLEX METALITE K224

\* P-GRADED

† WATERPROOF

• PACKAGING STANDARDS: MIN./STD. PKG. Q421 = 25/125



### Cloth Sheet Starting Recommendations

WATERPROOF LOAD RESISTANT	FAST CUT GENERAL FINISH	SLOW CUT FINE FINISH
Screen-Bak Durite Q421	Metalite K225	Emery K622

### Cloth Sheet Competitive Cross Reference

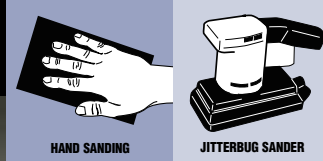
NORTON	3M	HERMES	KLINGSPOR	SIA	VSM
K224	311T Three-M-Ite BG 211K Electrocut	RB317LX	CS310X		KK504X
K225/K227	211K Three-M-Ite 311K Three-M-Ite	RB232J	KL361	2947J	KK504J KK504X
K622	011K Crystal Bay		KL371	C680J	
Q421	481W				

## 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



## Paper Sheets

Full size (9" x 11") and cut sheets are used for both metalworking and woodworking applications. Packed in protective dispensers and/or convenient job packs to eliminate waste and permit easy, neat storage.

### Typical Applications

- Light duty, metal sanding
- Primer sanding, defect removal from painted surfaces
- Filler sanding
- Sanding and finishing of composites and fiberglass
- Bare wood sanding
- Sanding between sealer coats



## Light Weight Paper Sheets

### **BEST** No-Fil Adalox A275 Sheets – The performance leader for dry finishing

FEATURES	BENEFITS
• Premium P-graded, heat-treated aluminum oxide abrasive	• Superior life, fast cut rate, consistent finish
• Unique fiber-reinforced, B-wt latex-saturated backing	• 50-60% improvement in tear strength
• Water-based stearate, non-pigmented, No-Fil coating	• Flexible; can be used wet
• Ultra fine grit (P1000, P1200, P1500) upgrade	• Provides maximum load resistance and extended life; no color transfer to work
	• Excellent cut rate and total cut, while minimizing loading = maximum life



### **BEST** Norton 3X NO-Fil Paper Sheet Job Packs – Fast Cut Rate

FEATURES	BENEFITS
• Open coat, premium aluminum oxide abrasive grain	• Hard, tough; provides a free cutting action for quick initial cut and maximum life
• Non-pigmented stearate coating	• Provides maximum resistance to clogging for longer life especially when sanding soft materials
• High-strength, fiber-reinforced, latex-saturated paper backing	• Tear resistant; provides exceptional flexibility when folding to get into corners and crevices
• Full resin adhesive bond	• Provides exceptional resistance to abrasive grain shedding especially when folding to sand into corners; long life



### **GOOD** No-Fil Adalox A251 Sheets – Unrivalled flexibility and finish – dry

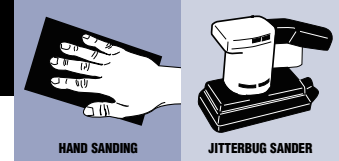
FEATURES	BENEFITS
• P-grade aluminum oxide abrasive	• Increased life, consistent finish
• A-wt paper backing	• Increased flexibility for hand sanding applications
• Stearated (No-Fil), open coat	• Reduced loading



### **GOOD** No-Fil Adalox A290 Sheets – Unrivalled durability and value for dry finishing

FEATURES	BENEFITS
• P-graded aluminum oxide abrasive	• Increased life, fast cut rate, consistent finish
• Heavy-duty, C-wt backing	• Edge-tear resistance, durable for cut sheet machine sanding applications
• Stearated (No-Fil), open coat	• Reduced loading





## Light Weight Paper Sheets (CONTINUED)

<b>GOOD</b>	<b>Adalox A212, A213, A211 Sheets – For dry, general purpose sanding</b>
<b>FEATURES</b>	<b>BENEFITS</b>
<ul style="list-style-type: none"> <li>Aluminum oxide grain, open-coat Available in three backing weights: A212 A-wt, A213 C-wt, A211 D-wt</li> <li>Extensive, P-graded grit range (P36 – P220 grit)</li> </ul>	<ul style="list-style-type: none"> <li>Aggressive cutting action for all dry sanding applications</li> <li>Designed for heavy-duty to light-duty hand and machine sanding, coarse to fine</li> </ul>



<b>GOOD</b>	<b>MultiSand Paper Sheet Job Packs – Versatile</b>
<b>FEATURES</b>	<b>BENEFITS</b>
<ul style="list-style-type: none"> <li>Aluminum oxide open coat</li> <li>Extensive, P-graded grit range (P36 – P220 grit)</li> </ul>	<ul style="list-style-type: none"> <li>Versatile; for hand or machine sanding wood, metal, plastic and fiberglass and for removing old paint</li> </ul>



<b>GOOD</b>	<b>No-Fil Durite A413/A414 Sheets – Good general purpose choice</b>
<b>FEATURES</b>	<b>BENEFITS</b>
<ul style="list-style-type: none"> <li>Sharp silicon carbide abrasive</li> <li>A413 – B-wt paper backing</li> <li>A414 – A-wt paper backing</li> <li>Stearated (No-Fil), open coat</li> </ul>	<ul style="list-style-type: none"> <li>Excellent for finishing</li> <li>Penetrates dense, hard materials (glass, ceramics, etc.)</li> <li>Flexible, yet durable</li> <li>Very flexible and conformable, soft-acting</li> <li>Reduced loading</li> </ul>

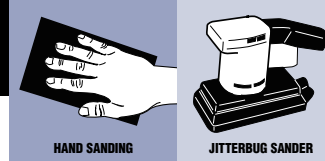


<b>GOOD</b>	<b>Garnet A511, A513, A514 Sheets – Ideal on soft woods</b>
<b>FEATURES</b>	<b>BENEFITS</b>
<ul style="list-style-type: none"> <li>Natural garnet grain</li> <li>Available in three backing weights: A511 A-wt, A513 C-wt, A514 D-wt</li> </ul>	<ul style="list-style-type: none"> <li>Excellent for soft woods, consistent finishes</li> <li>Designed for heavy-duty to light-duty hand and machine sanding, coarse to fine</li> </ul>



<b>GOOD</b>	<b>WoodSand Paper Sheet Job Packs – For prepping wood</b>
<b>FEATURES</b>	<b>BENEFITS</b>
<ul style="list-style-type: none"> <li>Natural garnet grain</li> </ul>	<ul style="list-style-type: none"> <li>The choice when preparing bare wood surfaces for stains or finishes</li> </ul>





## Waterproof Paper Sheets

### **BEST** Black Ice T214 Waterproof Sheets – Ultimate performance for wet applications

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>Premium, P-graded, heat-treated aluminum oxide abrasive</li> </ul>	<ul style="list-style-type: none"> <li>Ultimate cut and life in wet applications</li> </ul>
<ul style="list-style-type: none"> <li>Strong, resin bond system</li> </ul>	<ul style="list-style-type: none"> <li>Long life in wet applications</li> </ul>
<ul style="list-style-type: none"> <li>B-wt, high-latex, waterproof paper backing</li> </ul>	<ul style="list-style-type: none"> <li>Ultimate flexibility</li> <li>Wet-curl resistance</li> <li>Environmentally stable, resists humidity-caused curling</li> </ul>



### **BEST** Black Ice T402 Waterproof Sheets – Ultimate surface finishes – wet

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>Premium, ultra fine (1000 – 2500 grits) silicon carbide abrasive</li> </ul>	<ul style="list-style-type: none"> <li>Ultimate finish in wet applications</li> </ul>
<ul style="list-style-type: none"> <li>Strong resin bond system</li> </ul>	<ul style="list-style-type: none"> <li>Long life in wet applications</li> </ul>
<ul style="list-style-type: none"> <li>New, higher strength B-wt waterproof paper backing</li> </ul>	<ul style="list-style-type: none"> <li>Extremely flexibility</li> <li>Wet-curl resistance</li> <li>Environmentally stable; resists humidity-caused curling</li> </ul>



### **BETTER** Blue-Bak T414 Waterproof Sheets – Exceptional finishing in wet applications

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>Sharp silicon carbide abrasive (220-600 grit range)</li> </ul>	<ul style="list-style-type: none"> <li>Exceptional finishes in wet applications</li> </ul>
<ul style="list-style-type: none"> <li>Strong resin bond</li> </ul>	<ul style="list-style-type: none"> <li>Longer life in wet applications</li> </ul>
<ul style="list-style-type: none"> <li>New, higher strength B-wt waterproof paper backing</li> </ul>	<ul style="list-style-type: none"> <li>Extremely flexible</li> <li>Improved wet-curl resistance</li> <li>Environmentally stable; resists humidity-caused curling</li> </ul>



### **GOOD** Tufbak Waterproof T461 Sheets – For more aggressive applications

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>Silicon carbide abrasive</li> </ul>	<ul style="list-style-type: none"> <li>Fast cutting with excellent finish in wet applications</li> </ul>
<ul style="list-style-type: none"> <li>Strong, waterproof C-wt backing</li> </ul>	<ul style="list-style-type: none"> <li>Ideal for more aggressive applications</li> <li>Environmentally stable, resists product curl in humidity</li> <li>Resists chipping and cracking</li> </ul>
<ul style="list-style-type: none"> <li>Advanced resin bond system</li> </ul>	<ul style="list-style-type: none"> <li>Excellent flexibility and abrasive adhesion</li> </ul>



### **GOOD** SandWet Paper Sheet Job Packs – For topcoat sanding

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>Sharp silicon carbide abrasive</li> <li>Waterproof A-wt backing</li> </ul>	<ul style="list-style-type: none"> <li>Ideal for wet, oil or dry sanding primer, sealer, varnish, lacquer, enamel and other topcoats</li> </ul>



## Heavy Paper Sheets

### **BETTER** NorZon Plus H875 Sheets – Excellent for soft material applications

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>Patented NorZon Plus zirconia abrasive</li> </ul>	<ul style="list-style-type: none"> <li>Extended life over original NorZon products</li> </ul>
<ul style="list-style-type: none"> <li>Strong E-wt paper, latex impregnated</li> </ul>	<ul style="list-style-type: none"> <li>Increased durability and chip resistance, flexible</li> </ul>
<ul style="list-style-type: none"> <li>Open coat design</li> </ul>	<ul style="list-style-type: none"> <li>Reduced loading; ideal for body filler, fiberglass and composite sanding</li> </ul>



# PAPER SHEETS



## File Sheets

Used on manual or air file boards for sanding, shaping, and finishing.

SIZE	GRIT	MIN/STD. PKG.	BEST A275*				GOOD H290*	MIN/STD. PKG.	BETTER H875		MIN/STD. PKG.	BETTER H875
			NON-PSA	PSA	NORGRIP	NORGRIP VACUUM	PSA		NON-PSA	PSA		NORGRIP
2-3/4 x 16	100	50/500				66261131657						
	120					66261131656						
	180					66261131654						
2-3/4 x 16-1/2	36	50/500					66261130840	50/250		66261123610	25/125	66261123616
	40									66261123609		66261123615
	80				66261131640	66261131646				66261123608		66261123614
	100				66261131639	66261131645						
	120					66261131644						
	150				66261131637	66261131643						
	180				66261131636	66261131642						
220				66261131641								
2-3/4 x 17-1/2	36	50/500						50/250	66261123622			
	40								66261123621			
	80		66261131652						66261123620			
	100		66261131651						66261126512			
	120		66261131650									
	150		66261131649									
180	66261131648											
220	66261131647							66261126511				

\* P-GRADED  
PACKAGING STANDARDS: MIN./STD. PKG.

## Paper Cut Sheets

SIZE	GRIT	MIN/STD. PKG.	GOOD A211*	GOOD A213*	GOOD A290*	BETTER T414†
			UPC NO.	UPC NO.	UPC NO.	UPC NO.
3-2/3 x 9	60	100/1000	66261102925			
	80		66261102920			
	100			66261102900	66261101119	
	120			66261102895		
	150				66261101125	
	180				66261101124	
	220				66261101123	66261139359
	280					66261139357
	320					66261139356
	400					66261139354
600				66261139352		

\* P-GRADED  
† WATERPROOF



## NorGrip Sanding Blocks

Used with NorGrip cut sheets, these blocks fit comfortably in your hand. Soft – Flexible, yet tough, foam designed for flat and contoured surfaces. Firm – Sturdy, high-strength material produces a true flat surface.



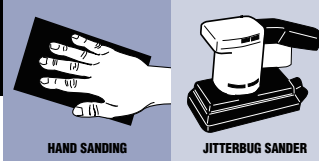
SIZE	DESCRIPTION	STD. PKG.	UPC NO.
2-3/4 x 5	NorGrip – Soft	5	63642542092
2-3/4 x 5	NorGrip – Firm	5	63642542093
2-3/4 x 7-3/4	NorGrip – Firm	5	63642542095

## Rubber Hand Sanding Block

A resilient rubber block that conforms well to mild contours and flat surfaces. 3-2/3" x 9" sheets are securely held by slotted "jaws" at each end of the block to permit quick, easy sheet changes.



SIZE	STD. PKG.	UPC NO.
3-2/3 x 9	14	07660743140



## 9 x 11 Paper Sheets

			LIGHT WEIGHT PAPER							
			BEST A275*	GOOD A251*	GOOD A211*	GOOD A213*	GOOD A212*	GOOD A413	GOOD A414	
SIZE	GRIT	MIN./ STD. PKG.								
9 x 11	36	25/125								
	40									
9 x 11	50	50/250								
	60									
	80		66261131634	66261184107	66261100325 66261100320 66261100315			66261100801		
	100		66261131633	66261184106			66261100295	66261100800		
	120		66261131632	66261184105			66261100290	66261100799		
9 x 11	150	100/500	66261131631	66261184108			66261100285	66261100802		
	180		66261131630	66261184104			66261100245	66261100803		
	220		66261131629	66261184103			66261100240	66261100804		
	240		66261131628	66261184102					66261134606	
	280		66261131627	66261184101					66261100805	
	320		66261131626	66261184100					66261100807	
	360								66261134600	
	400		66261131624	66261184098						
	500		66261131623							
	600		66261131622							
9 x 11	800	100/500	66261131621							
	1000		66261131620							
	1200		66261131619							
	1500		66261131618							
9 x 11	2000	100/500								
	2500									

\* P-GRADED  
 † WATERPROOF  
 \* PACKAGING STANDARDS: T214, T402, T414, T461 = 50/250

## Emery Sheets

Durable C-wt. paper for fine metal polishing and metallurgical sample preparation.



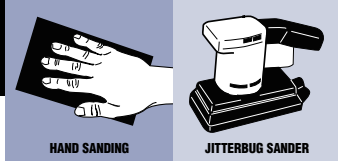
GOOD  
A621

EMERY GRIT	CAMI GRIT	MIN./ STD. PKG.	9 X 11 UPC NO.	9 X 13-3/4 UPC NO.
3	180	100/500		
2	220			
1	280		66261101263	66261101315*
0	500		66261101261	66261101310*
2/0	600		66261101260	66261101300*
3/0	1000		66261101259	66261101290*
4/0	1200		66261101258	66261101285*
				66261101280*
				66261101275*

\*PACKAGING STANDARDS: MIN. PKG./STD. PKG. = 100/1000



# PAPER SHEETS



HAND SANDING

JITTERBUG SANDER

SIZE	GRIT	MIN./STD. PKG.	LIGHT WEIGHT PAPER			WATERPROOF PAPER			HEAVY
			GOOD A514	GOOD A513	GOOD A511	new! BEST T214†	BEST T402†	BETTER T414†	GOOD T461†
9 x 11	36								
	40								
	50	50/250	66261101565						
	60			66261101560					66261101175
	80			66261101555	66261101505				66261101170
	100	100/500		66261101535	66261101500				66261101165*
	120			66261101530	66261101495				66261101160*
	150			66261101525	66261101490				66261101155*
	180				66261101489				66261101150*
	220				66261101488	66261139389*		66261139367*	
	240				66261101487	66261139388*		66261139366*	66261130331*
	280				66261101486	66261139387*		66261139365*	
	320	50/250				66261139386		66261139364	66261130332
	360					66261139346		66261139363	
	400					66261139385		66261139362	66261130333
500					66261139384		66261139361		
600					66261139383		66261139360	66261130334	
800					66261139382				
1000	50/250					66261139381			
1200						66261139380			
1500						66261139379			
2000						66261139378			
2500						66261139377			

★ P-GRADED

† WATERPROOF

\* PACKAGING STANDARDS: T214, T402, T414, T461 = 50/250

## 9 x 11 Paper Sheet Job Packs

A line of abrasive sheets for general and institutional contractors, and serious do-it-yourselfers.

### Job Packs – Packaging highlights

#### FEATURES

- Tri-lingual, job-specific application information
- Durable packages

#### BENEFITS

- Simplifies selection
- Better product visibility; minimize waste and damage
- Portable; ideal for showroom merchandising and carrying to the job site



BEST NORTON 3X



GOOD MULTISAND\*

GOOD WOODSAND

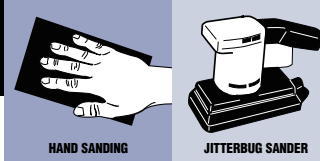
GOOD SANDWET†

SIZE	GRIT	STD. PKG.	JOB PACK UPC NO.	STD. PKG.	JOB PACK UPC NO.	JOB PACK UPC NO.	JOB PACK UPC NO.
9 x 11	36	200*		250*	07660700361		
	50				07660700360		
	60		07660702642		07660701624		
	80		07660702641		07660700359	07660701584	
	100		07660702640		07660700358	07660701583	
	120		07660702639		07660700357	07660701582	
	150		07660702638		07660700356	07660701581	
	180		07660702637		07660700355	07660701580	
	220		07660702636		07660700354	07660701579	07660701226
	320		07660702633				07660701225
	400		07660702632				07660701224
	600						07660701223
	Assorted					07660700365	

★ P-GRADED

† WATERPROOF

\* PACKED 20 SHEETS PER JOB PACK, 10 JOB PACKS PER STANDARD PACKAGE. • PACKED 25 SHEETS PER JOB PACK, 10 JOB PACKS PER STANDARD PACKAGE. ASSORTED CONTAINS 6 EACH OF 60, 100, 150 GRIT AND 7 EACH OF 220 GRIT.



## Paper Sheet Starting Recommendations

MATERIAL	BEST PERFORMANCE	GENERAL DUTY
Unfinished Metal	A275	A251
Primed/Painted Surfaces	A275	A251
Fiberglass/Composites	A275, H875	A251, H290
Bare Wood	A275	A511, A513, A514
Clear Coat Sanding	T402	
Sealer Sanding	A275, A251	A413, A414
Lacquer Sanding	T402, T414, T214	
Wet Sanding	T402, T414, T214	T461
Paint Stripping	A275, H875	A290, H290
Drywall Sanding	Q421	A412
All Purpose Dry Sanding		A212, A213, A211

## Recommended Grit Selection

ROUGHING TO INTERMEDIATE	INTERMEDIATE TO FINISHING	FINE FINISHING	ULTRA FINE FINISHING
36-80	80-240	240-400	400-2500

## Paper Sheet Competitive Cross Reference

NORTON	3M	HERMES	KLINGSPOR	MIRKA	VSM
A211	230U, 240N, 346U	-	-	-	KP31C
A212	210N	HFB	PL31	-	-
A213	230N	HFB	PL31	-	KP31B
A251	316U		PL36	GoldFlex	-
A275	214U, 216U, 334U	HC133, HCAB	PS33	Q-Silver, Royal	-
A290	236U, 316U	HCAB	PS33, PL36	Bulldog Gold	KP911
A413	414N, 415N	PSF-LL, SA167	PL35	Carat(B)	CP131A
A414	404N, 405N, 414N	PSF-LL, SA167	-	FineFlex	CP131A
A511	110N	-	-	-	-
A513	130N	GCAB	-	-	-
A514	140N	GCAB	-	-	-
A621	-	-	-	-	-
H875	750U, 751U, 740I, 745I	-	-	Royal Coarse Cut	KP510E, KP709
T402	401Q	WSFlex18B	PS11	Waterproof (A)	CP918A
T414	413Q	WSFlex18B	PS11	Waterproof (A)	CP918A
T214	213Q	-	PS12	-	-
T461	438Q, 431Q	WSFlex18C	PS11		CP918C

## Paper Sheet Recommended Backing Weight

