

# FIBER DISCS

# Zirconium



Angle Grinder

## AZX

- Economical zirconium fiber disc
- Fast grinding



**STAINLESS** Stainless steel, high tensile alloys

**METAL** Ferrous and/or non-ferrous metals (iron, steel, welds, etc.)

## Z

- Zirconium grain
- Closed coat structure for aggressive stock removal and long life

**STAINLESS** Stainless steel, high tensile alloys

**METAL** Ferrous and/or non-ferrous metals (iron, steel, welds, etc.)

## 3Z

- Premium zirconium grain with grinding aid
- Special zirconium grain to reduce heat build up and reduce loading
- Closed coat structure for very aggressive material removal

**STAINLESS** Stainless steel, high tensile steel, titanium

**METAL** Ferrous metals

**ALUMINUM** Non-ferrous metals (aluminum, copper, brass, etc.)

- SAIT-LOK™ is available in Blue Line™ package only  
See page 142 for SAIT-LOK™ backing pads
- Spiralcool™ backing pads and disc holder available for standard discs  
See page 142 for Spiralcool™ backing pads

### Packaging

UPC bar coded Blue Line™ packaging or Industrial bulk pack of 100 pieces



**Innovative Bulk Packaging**  
Fiber Spindle Keeps Discs Flat in Storage



### Quick Tip

Use the Zirconium fiber disc for aggressive stock removal on carbon steel.

Size	Grit	Bulk (100 pcs.)			Blue Line™			SAIT-LOK™			
		Part No.			Part No.			Part No.			
		AZX	Z	3Z	AZX	Z	3Z	Pk Per Box	Z	3Z	Pk Per Box
4-1/2 x 7/8	24	69224	59224	58224	60001*	59424	58424	20	50166	-	15
	36	69226	59236	58236	60002*	59436	58436	20	50167	50187	15
	50	69250	59250	58250	60003*	59450	58450	25	50168	50188*	15
	60	69260	59260	58260	60004*	59460	58460	25	50169	50189*	15
	80	69280	59280	58280	60005*	59480	58480	25	50170	50190	15
5 x 7/8	24	69324	59324	58324	60007*	59524	58524	20	50171	-	15
	36	69336	59336	58336	60008*	59536	58536	20	50172	50192*	15
	50	69350	59350	58350	60009*	59550	58550	25	50173	50193*	15
	60	69360	59360	58360	60010*	59560	58560	25	50174	50194*	15
	80	69380	59380	58380	60011*	59580	58580	25	50175	50195*	15
7 x 7/8	24	69624	59624	58624	60071*	59724	58724	20	50176	-	15
	36	69636	59636	58636	60072*	59736	58736	20	50177	50197	15
	50	69650	59650	58650	60073*	59750	58750	25	50178*	50198*	15
	60	69660	59660	58660	60074*	59760	58760	25	50179	50199	15
	80	69680	59680	58680	60075*	59780	58780	25	50180	50200*	15
9-1/8 x 7/8	24	-	59824	-	-	59924	-	20	50181*	-	15
	36	-	59836	-	-	59936	-	20	50182	-	15
	50	-	59850	-	-	59950	-	25	50183*	-	15
	60	-	59860	-	-	59960	-	25	50184*	-	15
	80	-	59880	-	-	59980	-	25	50185*	-	15

\* Items are made to order (must order in multiples of 300 pcs)



- Resin over resin construction for a strong bond that is resistant to heat and moisture
- Vulcanized fiber backing for heavy duty sanding
- Available with SAIT-LOK™ quick change hub which extends disc life and requires fewer disc changes
- Available in bulk and Blue Line™ packaging

PREMIUM

COATED ABRASIVES

FIBER DISCS



# 7A-S/7S Ceramic



Angle Grinder

# FIBER DISCS

HIGH PERFORMANCE

COATED ABRASIVES

FIBER DISCS



## 7A-S Ceramic

- Ceramic blended fiber disc, closed coat
- Fast aggressive stock removal
- **Economical ceramic fiber disc**



**METAL** Carbon steel, cast iron

**Innovative Bulk Packaging**  
Fiber Spindle Keeps Discs Flat in Storage

## 7S Ceramic

- High performance, ceramic grain, closed coat
- **Excels on carbon steel, cast iron, and hard to grind alloys**
- Exceptional performance and value
- Available in bulk and Blue Line™
- **Very uniform, high density grain structure is extremely durable and self sharpening for long life and cooler cut**

**METAL** Carbon steel, cast iron



**Note:** Ceramic 7A-S & 7S SAIT-LOK™ & 7A-S Blue Line™ fiber discs are made to order (must order in multiples of 300 pcs)

**Packaging**  
UPC bar coded Blue Line™ packaging or Industrial bulk pack of 100 pieces

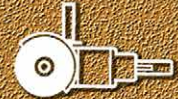
See page 142 for backing pads

Size	Grit	Bulk (100 pcs.)		Blue Line™			SAIT-LOK™		
		Part No.	Part No.	Part No.	Part No.	Pk Per Box	Part No.	Part No.	Pk Per Box
		7A-S	7S	7A-S	7S		7A-S	7S	
4-1/2 x 7/8	24	59009	57424	50374	57224	20	55109	50999	15
	36	59010	57436	50375	57225	20	55110	51000	15
	50	59011	57450	50376	57226	25	55111	51001	15
	60	59012	57460	50377	57227	25	55112	51002	15
	80	59013	57480	50378	57228	25	55113	51003	15
5 x 7/8	24	59019	57524	50389	57234	20	55115	51007	15
	36	59020	57536	50390	57235	20	55116	51008	15
	50	59021	57550	50391	57236	25	55117	51009	15
	60	59022	57560	50392	57237	25	55118	51010	15
	80	59023	57580	50393	57238	25	55119	51011	15
7 x 7/8	24	59029	57724	50395	57244	20	55121	51015	15
	36	59030	57736	50396	57245	20	55122	51016	15
	50	59031	57750	50397	57246	25	55123	51017	15
	60	59032	57760	50398	57247	25	55124	51018	15
	80	59033	57780	50399	57248	25	55125	51019	15



- Resin over resin construction for a strong bond that is resistant to heat and moisture
- Vulcanized fiber backing for heavy duty sanding
- Available with SAIT-LOK™ quick change hub which extends disc life and requires fewer disc changes
- Available in bulk spindle and Blue Line™ packaging





Angle Grinder

## 9S Ceramic (with grinding aid)

- High performance, ceramic grain, closed coat
- Grinding aids for reduced heat and decreased loading. Excels on heat sensitive materials (stainless steel, etc.) and non-ferrous metals (aluminum, etc.)
- Exceptional performance and value
- Excels on stainless steel and tough to grind materials

**STAINLESS** Stainless steel, high tensile steel, titanium

**METAL** Carbon steel, cast iron

**ALUMINUM** Non-ferrous metals (aluminum, copper, brass, etc.)



Grinds welds on stainless steel with no discoloration

**Innovative Bulk Packaging**  
Fiber Spindle Keeps Discs Flat in Storage

## Why use 9S?

- SAITECH™ 9S ceramic fiber discs are designed to keep the material that the disc is being used on very cool to prevent burning, discoloration and distortion.
- 9S is the ideal product for end users who frequently grind heat sensitive materials like stainless steel, high nickel, chrome alloys and titanium.
- 9S also works very well on aluminum and non-ferrous metals as the grinding aids act as a lubricant to prevent loading.



Size	Grit	Bulk (100 pcs.)		Blue Line™		SAIT-LOK™	
		Part No.	Part No.	Qty Per Box	Part No.	Qty Per Box	
4-1/2 x 7/8	24	51342	50510	20	50338	15	
	36	51343	50511	20	50339	15	
	50	51344	50512	25	50340	15	
	60	51345	50513	25	50341	15	
	80	59113	56313	25	50342	15	
5 x 7/8	24	51352	50520	20	50348	15	
	36	51353	50521	20	50349	15	
	50	51354	50522	25	50350	15	
	60	51355	50523	25	50351	15	
	80	59133	56333	25	50352	15	
7 x 7/8	24	51372	50530	20	50358	15	
	36	51373	50531	20	50359	15	
	50	51374	50532	25	50370	15	
	60	51375	50533	25	50371	15	
	80	59153	56353	25	50372	15	

**Note:** All SAIT-LOK™ Ceramic 9S fiber discs are made to order (must order in multiples of 300 pcs)

### Packaging

UPC bar coded Blue Line™ packaging or Industrial bulk pack of 100 pieces

See page 142 for backing pads



- Resin over resin construction for a strong bond that is resistant to heat and moisture
- Vulcanized fiber backing for heavy duty sanding
- Available with SAIT-LOK™ quick change hub which extends disc life and requires fewer disc changes
- Available in bulk spindle and Blue Line™ packaging

**HIGH PERFORMANCE**

**COATED ABRASIVES**

**FIBER DISCS**





Recessed center hole to help avoid scratching of the surface.



**Quick Tip**

Use Spiralcool™ backing pads to extend disc life 30% to 50%.

**C**

- Silicon carbide grain
- Closed coat structure for more material removal

**CONCRETE** Glass, marble, ceramic, hard cast iron

**METAL** Ferrous and/or non-ferrous metals



Unique silicon carbide disc from extra coarse 16 grit to 400 grit.

**Note:** Fiber Discs must always be used with a backing pad.

Size	Grit	Bulk (100 pcs.) Part No.	Blue Line™	
			Part No.	Pk Per Box
7 x 7/8	16	54016	50100	20
	24	54024	50101	20
	36	54036	50102	20
	50	54050	50103	25
	60	54060	50104	25
	80	54080	50105	25
	100	54100	50106	25
	120	54120	50107	25
	150	54150	50108	25
	180	54180	50109	25
	220	54220	50110	25
	320	54320	50112	25
	400	54400	50113	25

**Packaging**

UPC bar coded Blue Line™ packaging or Industrial bulk pack of 100 pieces

See page 142 for backing pads



- Resin over resin construction for a strong bond that is resistant to heat and moisture
- Vulcanized fiber backing for heavy duty sanding
- Available in bulk and Blue Line™ packaging



# STOCK & NON-STOCK BELTS

**NEW EXPANDED  
OFFERING!**

***Over 3,000 Belt Items –  
from file belts to wide belts  
in paper, cotton, poly-cotton,  
and polyester backings!***



[www.UnitedAbrasives.com](http://www.UnitedAbrasives.com)





# STOCK BELTS

## Stock Belts

- Most popular belt sizes available for immediate shipment.

## Packaging

### Quick Ship™ Belts

- Shrink-wrapped in quantities of 10.

### SAIT-Saver™ Belts

- Economical choice - shrink-wrapped in quantities of 10.

### Blue Line™ Belts

- Supplied in either 5 or 10 belts per box.
- Designed to be displayed on hooks or shelving.



Quick Ship™ & SAIT-Saver™ Belts



Blue Line™ Belts

## Product Specifications

### Aluminum Oxide Cloth - General Purpose

#### LA-X

- Semi-friable aluminum oxide grain on X-weight cotton backing.
- For low cost grinding and finishing of alloyed steels, ferrous and non-ferrous metals, cast iron and wood.
- 40-120 grit range / closed coat.

#### 1A-X / 2A-X

- Semi-friable (1A-X)/heat-treated (2A-X) aluminum oxide grain on X-weight cotton backing.
- For general purpose grinding and finishing.
- For use on alloyed steels, ferrous and non-ferrous metals, cast iron and wood.
- 24-400 grit range / closed coat.

#### AO-X

- Semi-friable aluminum oxide grain on X-weight cotton backing.
- For general purpose, open coat grinding, polishing and finishing of materials that have the tendency to load.
- For use on non-ferrous metals, aluminum and wood.
- 24-180 grit range / open coat.

### Zirconia Alumina Cloth - Premium

#### Z-H

- Zirconia alumina abrasive material on H-weight, waterproof polyester backing for heavy duty grinding and finishing.
- For use on ferrous and non-ferrous metals, cast iron, aluminum, and stainless steel.
- 24-80 grit range / closed coat.

COATED  
ABRASIVES

BELTS



# NON-STOCK BELTS



**NEW EXPANDED OFFERING!**

## Non-Stock Belts

### Call for Details

- Over **2,500 NEW ITEMS** available in portable belts, narrow belts, and wide belts.
- Lead-time of 7-10 business days (non-returnable).
- All non-stock belt quantities are subject to a manufacturing leeway of plus or minus 10%.

## Non-Stock Belt Minimum Packaging and Sizes

- Portable File Belts - 50/box - 1/8" to 1" wide, 12" to 36" long
- Portable Belts - 10/box - 3" to 4" wide, 14" to 24" long
- Narrow Belts - 10/box - 1" to 20" wide, 12" to 300" long
- Wide Belts - 3/box 60 grit and coarser, 5/box 80 grit and finer - 25" to 54" wide, 48" to 128" long



## Non-Stock Belt Specifications

### Aluminum Oxide Cloth - General Purpose

**1A-X / 2A-X** - Semi-friable (1A-X)/heat-treated (2A-X) aluminum oxide grain on X-weight cotton backing. (page 84 full description)

**AO-X** - Semi-friable aluminum oxide grain on X-weight cotton backing. (page 84 full description)

#### 2A-H

- Heat-treated, aluminum oxide grain on H-weight, waterproof polyester backing. 24-120 grit
- Excellent for heavy duty grinding and finishing ferrous and non-ferrous metals, cast iron, and aluminum. Excellent foundry belt material.

#### KA-F

- Semi-friable aluminum oxide grain on a very flexible cotton backing. 60-400 grit
- Flexible product for applications with medium to light pressure. Excels on curved and conformed surfaces.
- For use on ferrous and non-ferrous metals, wood, and leather.

#### AO-F (Paper)

- Semi-friable aluminum oxide grain on F-weight antistatic paper backing. 40-180 grit
- Extra open structure to reduce clogging on wood.

### Silicon Carbide Cloth - Specialty

#### C-W

- Silicon carbide grain on waterproof X-weight cotton backing. 60-220 grit / closed coat.
- For grinding and finishing glass, hard cast iron, aluminum, ceramics, non-ferrous metals, plastics, rubber, marble and stone.

### Zirconia Alumina Cloth - Premium

#### AZ-X

- Zirconia alumina abrasive material on X-weight, water-resistant polyester/cotton blended backing.
- For general purpose grinding and finishing on ferrous and non-ferrous metals, cast iron, aluminum, stainless steel and wood materials.
- 36-120 grit range / closed coat.

**Z-H & 3Z-H (contains grinding aid for stainless steel)** - Zirconia alumina abrasive material on H-weight, waterproof polyester backing for heavy duty grinding and finishing. (Description see page 84)

### Ceramic Cloth - High Performance

#### 7A-S & 9A-S (contains grinding aid for stainless steel).

- Ceramic abrasive material on H-weight, waterproof polyester backing. 36-80 grit / closed coat.
- For heavy duty grinding and finishing on metal, cast iron, and stainless steel.

COATED  
ABRASIVES

BELTS





Portable Sander



File Sander



Backstand Sander



Benchstand Sander

# BELTS

(Stock Belts)

Closed Coat  
Aluminum  
Oxide

Closed Coat  
Zirconium

Closed Coat  
Aluminum  
Oxide

Closed Coat  
Aluminum  
Oxide

Closed Coat  
Aluminum  
Oxide

Open Coat  
Aluminum  
Oxide

Closed Coat  
Zirconium

Size	Grit	1AX/2AX Quick Ship™ Part No.	Z-H Quick Ship™ Part No.	Size	Grit	1AX/2AX Blue Line™ Part No.	1AX/2AX Quick Ship™ Part No.	LA-X SAIT-Saver™ Part No.	AO-X Quick Ship™ Part No.	Z-H Quick Ship™ Part No.	
1/4 x 18	36	60016	64016	1 x 42	36		60310			58152	
	40	60017	64017		40		60311	60623		58153	
	50	60018	64018		50		60312	60624		58154	
	60	60019	64019		60		60313	60625		58155	
	80	60020	64020		80		60314	60626		58156	
	100	60021			100		60315	60627			
1/4 x 24	120	60022			120		60316	60628			
	36	60030	64030		150		60317				
	40	60031	64031		180		60318				
	50	60032	64032		220		60319				
	60	60033	64033		320		60322				
	80	60034	64034		1-1/2 x 60	36		61133			
100	60035		40				61134				
120	60036		60				61136				
3/8 x 13	36	61121				80		61137			
	40	61122		100			61138				
	50	61123		120			61139				
	60	61124		2 x 48	36		60506				
	80	61125			40		60507				
	100	61126			50		60508				
120	61127		60			60509					
1/2 x 12	36	60044			80		60510				
	40	60045			100		60511				
	50	60046		120		60512					
	60	60047		2 x 60	36		60520				
	80	60048			40		60521				
	100	60049			50		60522				
120	60050		60			60523					
1/2 x 18	36	60058	64058		80		60524				
	40	60059	64059		100		60525				
	50	60060	64060	120		60526					
	60	60061	64061	2 x 72	36		60534			64534	
	80	60062	64062		40		60535			64535	
	100	60063			50		60536			64536	
120	60064		60			60537			64537		
1/2 x 24	36	60086	64086		80		60538			64538	
	40	60087	64087		100		60539				
	50	60088	64088	120		60540					
	60	60089	64089	2 x 132	36		60576				
	80	60090	64090		40		60577				
	100	60091			50		60578				
120	60092		60			60579					
3/4 x 18	36	60114	64114		80		60580				
	40	60115	64115		100		60581				
	50	60116	64116	120		60582					
	60	60117	64117	2-1/2 x 14	40			63381			
	80	60118	64118		50			63382			
	100	60119			60			63383			
120	60120		80				63384				
3/4 x 20-1/2	36	60128	64128		100			63385			
	40	60129	64129		120			63386			
	50	60130	64130	2-1/2 x 60	36		61108			65108	
	60	60131	64131		40		61109			65109	
	80	60132	64132		50		61110			65110	
	100	60133			60		61111			65111	
120	60134		80			61112			65112		
1 x 21	36	60254			100		61113				
	40	60255		120		61114					
	50	60256		3 x 18	24	57100			63230		
	60	60257			36	57101			63231		
	80	60258			40	57102			63232		
	100	60259			50	57103			63233		
120	60260		60		57104			63234			
1 x 30	36	61094			80	57105			63235		
	40	61095			100	57106			63236		
	50	61096			120	57107			63237		
	60	61097			150	57108			63238		
	80	61098			180	57109					
	100	61099			220	57110					
120	61100		320		57113						

COATED  
ABRASIVES

BELTS

# BELTS

(Stock Belts)



Benchstand Sander    Portable Sander

Size	Grit	Closed Coat Aluminum Oxide	Closed Coat Aluminum Oxide	Closed Coat Aluminum Oxide	Open Coat Aluminum Oxide	Open Coat Aluminum Oxide	Closed Coat Zirconium	Closed Coat Zirconium	
		1AX/2AX Blue Line™ Part No.	1AX/2AX Quick Ship™ Part No.	LA-X SAIT-Saver™ Part No.	AO-X Blue Line™ Part No.	AO-X Quick Ship™ Part No.	Z-H Blue Line™ Part No.	Z-H Quick Ship™ Part No.	
3 x 21	24	57200			58160				
	36	57201			58161				
	40	57202		55342	58162				
	50	57203		55343	58163				
	60	57204		55344	58164				
	80	57205		55345	58165				
	100	57206		55346	58166				
	120	57207		55347	58167				
	150	57208			58168				
	180	57209			58169				
	220	57210							
	320	57213							
3 x 24	24	57500			58170				
	36	57501			58171				
	40	57502		55352	58172				
	50	57503		55353	58173				
	60	57504		55354	58174				
	80	57505		55355	58175				
	100	57506		55356	58176				
	120	57507		55357	58177				
	150	57508			58178				
	180	57509			58179				
	220	57510							
	320	57513							
3 x 132	36		60772				64772		
	40		60773				64773		
	50		60774				64774		
	60		60775				64775		
	80		60776				64776		
	100		60777						
3-1/2 x 15-1/2	36		61145						
	40		61146						
	50		61147						
	60		61148						
	80		61149						
	100		61150						
4 x 21	24				58180				
	36				58181				
	40				58182				
	50				58183				
	60				58184				
	80				58185				
	100				58186				
	120				58187				
	150				58188				
	180				58189				
	4 x 24	24	57900			58190			
		36	57901			58191	58132		
40		57902		55362	58192	58133			
50		57903		55363	58193	58134			
60		57904		55364	58194	58135			
80		57905		55365	58195	58136			
100		57906		55366	58196				
120		57907		55367	58197				
150		57908			58198				
180		57909			58199				
220		57910							
320		57913							
4 x 36	24		60855						
	36		60856						
	40		60857	60663					
	50		60858	60664					
	60		60859	60665					
	80		60860	60666					
	100		60861	60667					
	120		60862	60668					
	150		60863						
	180		60864						
	220		60865						
	320		60868						
6 x 48	24		61023			63250			
	36		61024			63251	58142		
	40		61025	60683		63252	58143		
	50		61026	60684		63253	58144		
	60		61027	60685		63254	58145		
	80		61028	60686		63255	58146		
	100		61029	60687		63256			
	120		61030	60688		63257			
	150		61031			63258			
	180		61032			63259			
	220		61033						
	320		61036						

COATED ABRASIVES

BELTS



# PAPER & CLOTH DISCS

## Paper Discs

### SPECIFICATION

### MATERIAL & APPLICATION INFORMATION

#### Aluminum Oxide – Page 89 – 95

**NEW!**

<b>6A Stearated Aluminum Oxide</b> 80-400 Grit Range B-weight paper • Open Coat	<ul style="list-style-type: none"> <li>• Economical choice</li> <li>• Stearate coating and open coat structure lubricates and prevents loading.</li> <li>• Available in <b>PSA and hook and loop</b>.</li> </ul>
<b>Gold Stearated Aluminum Oxide</b> 80-400 Grit Range C and D weight paper • Semi Open Coat	<ul style="list-style-type: none"> <li>• Stearate coating and semi open coat structure lubricates and prevents loading for fast cutting.</li> <li>• Available in <b>PSA disc rolls</b>.</li> </ul>
<b>3S Stearate Paper</b> 80-600 Grit Range C-weight paper • Open Coat	<ul style="list-style-type: none"> <li>• Stearate coating and open coat structure lubricates and prevents loading.</li> <li>• Available in <b>PSA and hook and loop</b>.</li> </ul>
<b>4S/4V Premium Stearate Paper</b> 80-1500 Grit Range C-weight paper • Open Coat	<ul style="list-style-type: none"> <li>• Premium stearate coating lubricates and prevents loading for long life and aggressive cutting.</li> <li>• Available in <b>PSA and hook and loop</b>.</li> </ul>
<b>A-E Heavy Duty Paper Discs</b> 40-120 Grit Range E-weight paper • Open Coat	<ul style="list-style-type: none"> <li>• Aggressive sanding, preparation, and stock removal as well as finishing with long life.</li> <li>• Heavier paper reduces torn edges, which produce deep, uneven random scratches. Available in <b>PSA and hook and loop</b>.</li> </ul>

#### Zirconium – Page 95-96

<b>Z-F Heavy Duty Paper Discs</b> 40-120 Grit Range F-weight paper • Closed Coat	<ul style="list-style-type: none"> <li>• Best choice for aggressive sanding, preparation, and stock removal.</li> <li>• Aggressive material removal and long life.</li> <li>• Heavy, F-weight paper. Available in <b>PSA and hook and loop</b>.</li> </ul>
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#### Ceramic – Page 90, 92, & 94

**NEW!**

<b>6S Stearated Ceramic</b> 80-400 Grit Range C-weight paper • Open Coat	<ul style="list-style-type: none"> <li>• Best in class - premium ceramic paper.</li> <li>• Fast stock removal with exceptional long-life.</li> <li>• Stearate coating lubricates and prevents loading.</li> <li>• Available in <b>PSA and hook and loop</b>.</li> </ul>
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#### Silicon Carbide – Page 95

<b>C-E and C-F Paper Discs</b> 40-1200 Grit Range E and F weight paper • Closed Coat	<ul style="list-style-type: none"> <li>• Premium Silicon Carbide paper for aggressive sanding and finishing.</li> <li>• For use on granite, marble, fiberglass, solid surface materials, ceramics, concrete, plastics and cast iron materials.</li> <li>• Heavy-duty paper. Available in <b>hook and loop</b>.</li> </ul>
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## Cloth Discs

### SPECIFICATION

### MATERIAL & APPLICATION INFORMATION

#### Aluminum Oxide – Page 96 – 97

24-320 Grit Range X-weight cloth • Closed Coat	<ul style="list-style-type: none"> <li>• X-weight cotton backing for grinding and finishing performance.</li> <li>• Hot melt adhesive provides excellent adhesion and easy removal.</li> </ul>
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#### Zirconium – Page 96 – 97

40-80 Grit Range X-weight cloth • Closed Coat	<ul style="list-style-type: none"> <li>• X-weight cotton backing for superior grinding and finishing performance.</li> <li>• Hot melt adhesive provides excellent adhesion and easy removal.</li> </ul>
--	---

COATED  
ABRASIVES

# PSA DISC ROLLS (PAPER) Stearated



## 6A Stearated Aluminum Oxide

- OUR BEST ECONOMY DISC
- Aluminum oxide grain
- Stearate coating and open coat structure lubricates and prevents loading
- Available in weights: "B" light-weight, flexible

<b>PAINT</b>	Body filler, paint, primers
<b>METAL</b>	Ferrous metals
<b>ALUMINUM</b>	Non-ferrous metals
<b>WOOD</b>	Plastics, wood and fiberglass



## 3S Stearated Aluminum Oxide

- EXCELS ON WOOD AND BARE METAL SURFACES
- Aluminum oxide grain - For dry use only
- Stearate coating and open coat structure lubricates and prevents loading
- Available in weights: "C" medium-weight, average flexibility

<b>PAINT</b>	Body filler, paint, primers
<b>METAL</b>	Ferrous metals
<b>ALUMINUM</b>	Non-ferrous metals
<b>WOOD</b>	Plastics, wood and fiberglass



## Gold Stearated Aluminum Oxide

- Aluminum oxide grain provides a fast cut with long life
- Stearate coating and semi open coat structure prevents loading - For dry use only
- For automotive body work, removing varnish from wood, sanding fiberglass, and for use on metal

<b>PAINT</b>	Body filler, paint, primers
<b>METAL</b>	Ferrous metals
<b>ALUMINUM</b>	Non-ferrous metals
<b>WOOD</b>	Plastics, wood and fiberglass

- For use on random orbital or low speed DA sanders
- Available weights: "C" - medium-weight, low flexibility  
"D" - heavy-weight, low flexibility

**Gold Disc Roll Packaging:** 100 pieces/box/roll

Size	Grit	6A PSA Disc Rolls Part No	Gold PSA Disc Rolls Part No	3S PSA Disc Rolls Part No
5"	80	35410	36500	36800
	100	-	36501	36801
	120	35412	36502	36802
	150	35413	36503	36803
	180	35414	36504	36804
	220	35415	36505	36805
	240	-	36506	-
	320	35417	36508	36808
	400	-	36509	36809
	80	36410	36600	36900
6"	100	-	36601	36901
	120	36412	36602	36902
	150	36413	36603	36903
	180	36414	36604	36904
	220	36415	36605	36905
	240	-	36606	-
	320	36417	36608	36908
	400	-	36609	36909

**Packaging**  
PSA Disc Rolls:  
100 pcs/roll  
4 rolls/box

See page 144 for backing pads



- Strong resin over resin bond construction is resistant to heat and moisture
- Special sharp and durable grain cuts fast and is long lasting
- PSA discs rolls are perforated for easy disc tear away from roll

COATED ABRASIVES

PAPER DISCS



# Stearated PSA DISC ROLLS (PAPER)



Disc Sander



## 4S Premium Stearated Aluminum Oxide

- EXCELS ON PAINTED AND PRIMED SURFACES
- Fast removal rates for fine finishing of auto body, wood, metal, and marine applications
- Premium aluminum oxide grain
- Premium stearate coating and open coat structure lubricates and prevents loading - For dry use only
- Available in weights: "C" medium-weight, low flexibility

- PAINT** Body filler, paint, primers
- METAL** Ferrous metals
- ALUMINUM** Non-ferrous metals
- WOOD** Plastics, wood and fiberglass

## 6S Premium Stearated Ceramic

- BEST IN CLASS - PREMIUM CERAMIC GRAIN
- Premium stearated coating prevents loading
- Fast stock removal with exceptional long-life
- Available in weights: "C" medium-weight, low flexibility

- PAINT** Body filler, paint, primers
- METAL** Ferrous metals
- ALUMINUM** Non-ferrous metals
- WOOD** Plastics, wood and fiberglass

COATED ABRASIVES

PAPER DISCS

Size	Grit	4S PSA Disc Rolls Part No	6S PSA Disc Rolls Part No
5"	80	37800	35310
	100	37801	35311
	120	37802	35312
	150	37803	35313
	180	37804	35314
	220	37805	35315
	240	37806	-
	280	37807	-
	320	37808	35317
	6"	80	37900
100		37901	36311
120		37902	36312
150		37903	36313
180		37904	36314
220		37905	36315
240		37906	-
280		37907	-
320		37908	36317

**Packaging**  
PSA Disc Rolls:  
100 pcs/roll  
4 rolls/box

See page 144 for backing pads

## Tech INFO

- Strong resin over resin bond construction is resistant to heat and moisture
- Special sharp and durable grain cuts fast and is long lasting
- PSA discs rolls are perforated for easy disc tear away from roll

# INDIVIDUAL PSA (PAPER)

Stearated



Disc Sander



## 6A Stearated Aluminum Oxide

- OUR BEST ECONOMY DISC
- Aluminum oxide grain
- Stearate coating and open coat structure lubricates and prevents loading
- Available in weights: "B" light-weight, flexible

- PAINT** Body filler, paint, primers
- METAL** Ferrous metals
- ALUMINUM** Non-ferrous metals
- WOOD** Plastics, wood and fiberglass



## 3S Stearated Aluminum Oxide

- EXCELS ON WOOD AND BARE METAL SURFACES
- Aluminum oxide grain - For dry use only
- Stearate coating and open coat structure lubricates and prevents loading
- Available in weights: "C" medium-weight, average flexibility

- PAINT** Body filler, paint, primers
- METAL** Ferrous metals
- ALUMINUM** Non-ferrous metals
- WOOD** Plastics, wood and fiberglass

Size	Grit	6A PSA Disc Part No	3S PSA Disc Part No
5"	80	35400	36520
	100	-	36521
	120	35402	36522
	150	35403	36523
	180	35404	36524
	220	35405	36525
	320	35407	36528
6"	400	35408	-
	80	36400	36620
	100	-	36621
	120	36402	36622
	150	36403	36623
	180	36404	36624
	220	36405	36625
	320	36407	36628



**Quick Tip**  
Release paper keeps PSA discs clean in a dusty environment.



### Packaging

PSA individual: 100/box  
See page 144 for backing pads

## Tech INFO

- Special sharp and durable grain cuts fast and is long lasting
- Pressure sensitive adhesive (PSA) backing allows for quick changes
- PSA discs are tabbed for easy removal of release paper

COATED ABRASIVES

PAPER DISCS



Stearated



Disc Sander

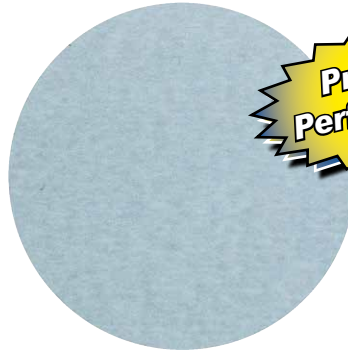
# INDIVIDUAL PSA (PAPER)



## 4S Premium Stearated Aluminum Oxide

- EXCELS ON PAINTED AND PRIMED SURFACES
- Fast removal rates for fine finishing of auto body, wood, metal, and marine applications
- Premium aluminum oxide grain
- Premium stearate coating and open coat structure lubricates and prevents loading - For dry use only
- Available in weights: "C" medium-weight, low flexibility

- PAINT** Body filler, paint, primers
- METAL** Ferrous metals
- ALUMINUM** Non-ferrous metals
- WOOD** Plastics, wood and fiberglass



**Premium Performance!**

## 6S Premium Stearated Ceramic

**NEW!**

- BEST IN CLASS - PREMIUM CERAMIC GRAIN
- Premium steared coating prevents loading
- Fast stock removal with exceptional long-life
- Available in weights: "C" medium-weight, low flexibility

- PAINT** Body filler, paint, primers
- METAL** Ferrous metals
- ALUMINUM** Non-ferrous metals
- WOOD** Plastics, wood and fiberglass

COATED ABRASIVES

PAPER DISCS

Size	Grit	4S PSA Disc Part No	6S PSA Disc Part No
5"	80	37505	35300
	100	37506	35301
	120	37507	35302
	150	37508	35303
	180	37509	35304
	220	37510	35305
	320	37511	35307
6"	400	-	35308
	80	37605	36300
	100	37606	36301
	120	37607	36302
	150	37608	36303
	180	37609	36304
	220	37610	36305
320	37611	36307	
	400	-	36308



### Quick Tip

Release paper keeps PSA discs clean in a dusty environment.



### Packaging

PSA individual: 100/box  
See page 144 for backing pads

Tech  
INFO

- Special sharp and durable grain cuts fast and is long lasting
- Pressure sensitive adhesive (PSA) backing allows for quick changes
- PSA discs are tabbed for easy removal of release paper

# HOOK & LOOP (PAPER)

Stearated



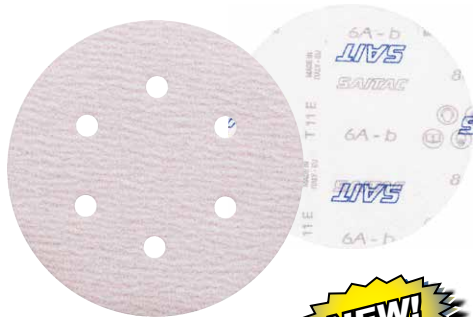
Disc Sander

## Premium Hook & Loop Fastening

- We only use premium high loft scrim which provides maximum gripping strength to the back up pad.
- Our high loft scrim helps to provide a better finish vs. other hook & loop attachments.

## Easy Grit Identification

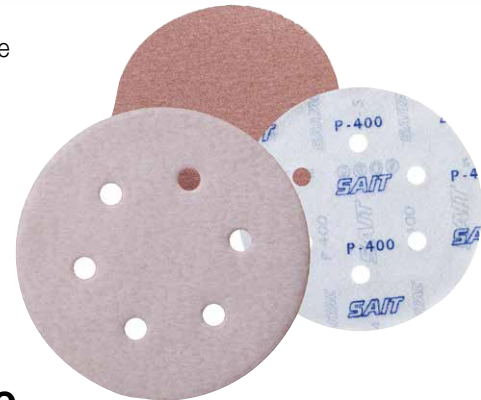
- We print the grit on the back of the disc to help ensure proper grit selection.



## 6A Stearated Aluminum Oxide

- OUR BEST ECONOMY DISC
- Aluminum oxide grain
- Stearate coating and open coat structure lubricates and prevents loading
- Available in weights: "B" light-weight, flexible

- PAINT** Body filler, paint, primers
- METAL** Ferrous metals
- ALUMINUM** Non-ferrous metals
- WOOD** Plastics, wood and fiberglass



## 3S Stearated Aluminum Oxide

- EXCELS ON WOOD AND BARE METAL SURFACES
- Aluminum oxide grain - For dry use only
- Stearate coating and open coat structure lubricates and prevents loading
- Available in weights: "C" medium-weight, average flexibility

- PAINT** Body filler, paint, primers
- METAL** Ferrous metals
- ALUMINUM** Non-ferrous metals
- WOOD** Plastics, wood and fiberglass



**Packaging**  
50 pieces per box

See page 144 for backing pads now also available with vacuum holes

## 3S & 6A Hook & Loop Discs

Size	Grit	3S Hook & Loop Discs				6A Hook & Loop Discs			
		Part No. w/o vac. holes	Part No. w/ 5 vac. holes	Part No. w/ 6 vac. holes	Part No. w/ 8 vac. holes	Part No. w/o vac. holes	Part No. w/ 5 vac. holes	Part No. w/ 6 vac. holes	Part No. w/ 8 vac. holes
5"	80	36540	36550	-	36560	35420	35430	-	35440
	100	36541	36551	-	36561	-	-	-	-
	120	36542	36552	-	36562	35422	35432	-	35442
	150	36543	36553	-	36563	35423	35433	-	35443
	180	36544	36554	-	36564	35424	35434	-	35444
	220	36545	36555	-	36565	35425	35435	-	35445
	320	36548	36558	-	36568	35427	35437	-	35447
	400	-	-	-	-	35428	35438	-	35448
6"	80	36640	-	36650	-	36420	-	36430	-
	100	36641	-	36651	-	-	-	-	-
	120	36642	-	36652	-	36422	-	36432	-
	150	36643	-	36653	-	36423	-	36433	-
	180	36644	-	36654	-	36424	-	36434	-
	220	36645	-	36655	-	36425	-	36435	-
	320	36648	-	36658	-	36427	-	36437	-
	400	-	-	-	-	36428	-	36438	-



- Hook and loop fastening system allows for quick changes and less downtime
- Available with or without vacuum holes for use on random orbital or low speed DA sanders with capture systems
- Strong resin over resin bond construction is resistant to heat and moisture
- This special sharp and durable grain cuts fast and lasts long

COATED ABRASIVES

PAPER DISCS



Stearated



Disc Sander

# HOOK & LOOP (PAPER)



### Premium Hook & Loop Fastening

- We only use premium high loft scrim which provides maximum gripping strength to the back up pad.
- Our high loft scrim helps to provide a better finish vs. other hook & loop attachments.

### Easy Grit Identification

- We print the grit on the back of the disc to help ensure proper grit selection.



## 4S/4V Premium Stearated Aluminum Oxide

- EXCELS ON PAINTED AND PRIMED SURFACES
- Fast removal rates for fine finishing of auto body, wood, metal, and marine applications
- Premium aluminum oxide grain - for dry use only
- Premium stearate coating and open coat structure lubricates and prevents loading

- PAINT** Body filler, paint, primers
- METAL** Ferrous metals
- ALUMINUM** Non-ferrous metals
- WOOD** Plastics, wood and fiberglass



## 6S Premium Stearated Ceramic

- **BEST IN CLASS - PREMIUM CERAMIC PAPER**
- Premium steared coating prevents loading
- **Fast stock removal with exceptional long-life**
- Available in weights: "C" medium-weight, low flexibility

- PAINT** Body filler, paint, primers
- METAL** Ferrous metals
- ALUMINUM** Non-ferrous metals
- WOOD** Plastics, wood and fiberglass



### 4S/4V & 6S Hook & Loop Discs

Size	Grit	4S/4V Hook & Loop Discs				6S Hook & Loop Discs			
		Part No. w/o vac. holes	Part No. w/ 5 vac. holes	Part No. w/ 6 vac. holes	Part No. w/ 8 vac. holes	Part No. w/o vac. holes	Part No. w/ 5 vac. holes	Part No. w/ 6 vac. holes	Part No. w/ 8 vac. holes
5"	60C	37501	37533	-	37534	35319	35329	-	35339
	80C	37515	37525	-	37535	35320	35330	-	35340
	100C	37516	37526	-	37536	35321	35331	-	35341
	120C	37517	37527	-	37537	35322	35332	-	35342
	150C	37518	37528	-	37538	35323	35333	-	35343
	180C	37519	37529	-	37539	35324	35334	-	35344
	220C	37520	37530	-	37540	35325	35335	-	35345
	240C	37562	-	-	-	-	-	-	-
	280C	37563	-	-	-	-	-	-	-
	320C	37521	37531	-	37541	35327	35337	-	35347
	400C	37522	37532	-	37542	35328	35338	-	35348
	500C	37523	-	-	-	-	-	-	-
	600C	37524	-	-	-	-	-	-	-
	800C	37550	37554	-	37543	-	-	-	-
	1000C	37551	37555	-	37544	-	-	-	-
1200C	37552	37556	-	37545	-	-	-	-	
1500C	37553	37557	-	37546	-	-	-	-	
6"	60C	37601	-	37634	-	36319	-	36329	-
	80C	37615	-	37635	-	36320	-	36330	-
	100C	37616	-	37636	-	36321	-	36331	-
	120C	37617	-	37637	-	36322	-	36332	-
	150C	37618	-	37638	-	36323	-	36333	-
	180C	37619	-	37639	-	36324	-	36334	-
	220C	37620	-	37640	-	36325	-	36335	-
	240C	37650	-	-	-	-	-	-	-
	280C	37651	-	-	-	-	-	-	-
	320C	37621	-	37641	-	36327	-	36337	-
	400C	37622	-	37642	-	36328	-	36338	-
	500C	37623	-	-	-	-	-	-	-
	600C	37624	-	-	-	-	-	-	-
	800C	37625	-	37643	-	-	-	-	-
	1000C	37626	-	37644	-	-	-	-	-
1200C	37627	-	37645	-	-	-	-	-	
1500C	37628	-	37646	-	-	-	-	-	



- Hook and loop fastening system allows for quick changes and less downtime
- Available with or without vacuum holes for use on random orbital or low speed DA sanders with capture systems
- Strong resin over resin bond construction is resistant to heat and moisture
- This special sharp and durable grain cuts fast and lasts long

COATED ABRASIVES

PAPER DISCS

# HOOK & LOOP & PSA (PAPER)

Heavy Duty



Disc Sander



## Zirconium Paper Discs - Z-F (Premium)

- Best choice for aggressive sanding, preparation, and stock removal
- Zirconium grain for aggressive material removal and long life
- Heavy, F-weight paper prevents torn edges which produce deep, uneven random scratches

**METAL** Ferrous and non-ferrous metals

**WOOD** Wood



### Quick Tip

Release paper keeps PSA discs clean in a dusty environment.



## Aluminum Oxide Paper Discs - A-E

- For aggressive sanding, preparation, and stock removal
- Aluminum oxide grain for material removal, long life and finishing
- E-weight paper reduces torn edges which produce deep, uneven random scratches

**WOOD** Wood, auto body applications, and fiberglass

**METAL** Ferrous and non-ferrous metals



Size	Grit	AE - Aluminum Oxide				Z-F Zirconium		
		H&L Part No. w/o vac. holes	H&L Part No. w/ 5 vac. holes	H&L Part No. w/ 6 vac. holes	H&L Part No. w/ 8 vac. holes	PSA Part No.	Hook & Loop Part No.	PSA Part No.
5"	40	34250	34280	-	34290	34150	34210	34110
	60	34252	34282	-	34292	34152	34212	34112
	80	34253	34283	-	34293	34153	34213	34113
	120	34255	34285	-	34295	34155	34215	34115
6"	40	34270	-	34310	-	34170	34230	34130
	60	34272	-	34312	-	34172	34232	34132
	80	34273	-	34313	-	34173	34233	34133
	120	34275	-	34315	-	34175	34235	34135
8"	40	-	-	-	-	-	34240	34140
	80	-	-	-	-	-	34243	34143



### Packaging

5" and 6": 50/box  
8": 25/box

See page 144 for backing pads now also available with vacuum holes

## Silicon Carbide Paper Discs

Size	Grit	Hook & Loop Part No.
5"	40	34510
	60	34512
	80	34513
	100	34514
	120	34515
	150	34516
	180	34517
	220	34518
	320	34521
	400	34522
	500	34523
	600	34524
6"	800	34525
	1200	34527
	40	34610
	60	34612
	80	34613
	100	34614
	120	34615
	150	34616
	180	34617
	220	34618
	320	34621
	400	34622
500	34623	
600	34624	
800	34625	
1200	34627	

## Silicon Carbide Heavy Duty Paper Discs

### C-E/C-F Discs

- Premium silicon carbide grain on a tough paper backing
- Designed for fine finishing and long life
- Available with hook and loop backing

**CONCRETE** Marble, granite, solid surface, ceramics, concrete, plastic

**METAL** Ferrous and non-ferrous metals



Contour Hand Pads on page 144



- PSA and Hook and loop fastening systems allow for quick changes and less downtime
- Hook and loop available with or without vacuum holes for use on random orbital or low speed DA sanders with capture systems
- PSA discs are tabbed for easy removal of release paper
- Strong resin over resin bond construction is resistant to heat and moisture
- This special sharp and durable grain cuts fast and lasts long

COATED ABRASIVES

PAPER DISCS





## Zirconium (Premium)

### Premium Zirconium Grain

- Specially formulated X-weight Egyptian cotton cloth backing
- Closed coat structure

#### METAL

Ferrous and/or non-ferrous metals  
(iron, steel, aluminum, copper, etc.)

#### STAINLESS

Stainless steel, high tensile steel

### Packaging

1" - 6"	50/pkg
7" - 12"	25/pkg
14" - 16", 18", 20"	10/pkg

See page 144 for backing pads

\* 220 grit not available

\*\* 280 grit not available

COATED  
ABRASIVES

CLOTH DISCS

Size	Part No. TA-X	Grit Available
1"	34990	50
	34991	60
	34992	80
	34993	100-120-150- thru 180-220-
	34999	240-320
1-1/2"	35003	50
	35004	60
	35005	80
	35007	120
2"	35020	24
	35021	36
	35022	40
	35023	50
	35024	60
	35025	80
	35026	100-120-150- thru 180-*
35033	240-**-320	
3"	35040	24
	35041	36
	35042	40
	35043	50
	35044	60
	35045	80
	35046	100-120-150- thru 180-220-
	35053	240-**-320
4"	35060	24
	35061	36
	35062	40
	35063	50
	35064	60
	35065	80
	35066	100-120-150- thru 180-220-
35073	240-**-320	

Size	Part No.		Grit Available
	TA-X	Z-X	
5"	35080	-	24
	35081	-	36
	35082	37082	40
	35083	37083	50
	35084	37084	60
	35085	37085	80
	35086	-	100-120-150- thru 180-220-
	35093	-	240-**-320
6"	35094	-	24
	35095	-	36
	35096	37096	40
	35097	37097	50
	35098	37098	60
	35099	37099	80
	35100	-	100-120-150- thru 180-220-
35107	-	240-**-320	
7"	35108	-	24
	35109	-	36
	35110	-	40
	35111	-	50
	35112	-	60
	35113	-	80
8"	35114	-	100-120-150- thru 180-220-
	35121	-	240-**-320
	35122	-	24
	35123	-	36
	35124	37124	40
	35125	37125	50
	35126	37126	60
	35127	37127	80
	35128	-	100-120-150- thru 180-220-
	35135	-	240-**-320

## Tech INFO

- Strong resin over resin bond construction is resistant to heat and moisture
- Hot melt adhesive back allows for quick change and less downtime
- Label UPC bar coded for easy identification and inventory maintenance

# CLOTH DISCS

PSA Discs



## Aluminum Oxide

### Aluminum Oxide Grain

- Strong X-weight Egyptian cotton cloth backing
- Closed coat structure

**METAL** Ferrous and/or non-ferrous metals (iron, steel, aluminum, copper, etc.)

**WOOD** Wood, plastic, fiberglass



See page 96 for packaging

Size	Part No.		Grit Available
	TA-X	Z-X	
9"	35136	-	24
	35137	-	36
	35138	37138	40
	35139	37139	50
	35140	37140	60
	35141	37141	80
	35142	-	100-120-150-thru
10"	35149	-	180-220-240-**-320
	35150	-	24
	35151	-	36
	35152	-	40
	35153	-	50
	35154	37154	60
	35155	37155	80
	35156	-	100
	35157	-	120
	35158	-	150
12"	35164	-	24
	35165	-	36
	35166	37166	40
	35167	37167	50
	35168	37168	60
	35169	37169	80
	35170	-	100-120-150-thru
14"	35177	-	180-220-240-**-320
	35179	-	36
	35180	-	40
	35181	-	50
	35182	-	60
	35183	-	80

Size	Part No.		Grit Available
	TA-X	Z-X	
15"	35193	-	36
	35194	-	40
	35195	-	50
	35196	-	60
	35197	-	80
16"	35207	-	36
	35208	-	40
	35209	-	50
	35210	-	60
	35211	-	80
18"	35212	-	100
	35213	-	120
	35221	-	36
	35222	-	40
	35223	-	50
	35224	-	60
	35225	-	80
20"	35235	-	36
	35236	37236	40
	35237	37237	50
	35238	37238	60
	35239	37239	80
	35240	-	100
	35241	-	120

## Tech INFO

- Strong resin over resin bond construction is resistant to heat and moisture
- Hot melt adhesive back allows for quick change and less downtime
- Label UPC bar coded for easy identification and inventory maintenance

COATED ABRASIVES

CLOTH DISCS



# Heavy Duty



Portable Grinder

# LAMINATED AND MINI FLAP DISCS

Triple laminated construction for severe pressure applications where conventional laminated discs have too much flex. Excellent for edge grinding, deburring, and weld preparation and removal.

## 2A-H

- Aluminum oxide grain
- **Fast stock removal**
- Excellent edge grain retention

**METAL** Ferrous and/or non-ferrous metals

**WOOD** Wood, plastic, fiberglass, etc.

## Z-H

- High performance zirconium grain
- **Extremely fast stock removal and long life**

**METAL** Ferrous and/or non-ferrous metals

**STAINLESS** Stainless steel, high tensile alloys



**SAIT-LOK™**

Improved nylon composite won't bend or break during aggressive applications. Uses the same backing pad as conventional laminated discs.

## SAIT-LOK-R™



Nylon screw threaded hub for easy mounting to the backing pad

Size	Grit	SAIT-LOK™ Part No.		SAIT-LOK-R™ Part No.		Qty Per Box
		2A-H	Z-H	2A-H	Z-H	
2"	24	52320	55420	50320	55450	100
	36	52321	55421	50321	55451	100
	50	52322	55422	50322	55452	100
	60	52323	55423	50323	55453	100
	80	52324	55424	50324	55454	100
3"	24	52330	55430	50330	55460	50
	36	52331	55431	50331	55461	50
	50	52332	55432	50332	55462	50
	60	52333	55433	50333	55463	50
	80	52334	55434	50334	55464	50

HEAVY DUTY

COATED ABRASIVES

LAMINATED DISCS



## SAIT ENCORE

### Mini Flap Discs

- Long life performance of a flap disc for use in confined spaces
- More material, longer life than a single layer laminated disc
- SAIT-LOK-R™ thread allows easy changeover between sanding discs, surface conditioning discs and buffing discs

Packaging 10/box

Size	Grit	SAIT-LOK-R™ Part No. Mini Encore
2"	40	74820
	60	74822
	80	74823
	120	74825
3"	40	74830
	60	74832
	80	74833
	120	74835

See page 145 for SAIT-LOK-R™ backing pads



### Heavy Duty Discs

Stiffer construction assures fast grinding performance  
Very durable edge performance & long life



### Conventional Discs

See page 145 for backing pads

## Tech INFO

- Triple lamination construction for severe duty applications where traditional discs fray
- Quick change backings make for fast, easy disc changes and less downtime
- Universal style backings fit most major backing pad brands on the market



# LAMINATED DISCS

# Aluminum Oxide



Portable Grinder



## SAIT-LOK™

All-metal attachment on disc ensures a secure fit to the backing pad (see page 100 for photo)

## SAIT-LOK-R™

Nylon screw threaded hub for easy mounting to the backing pad (see page 100 for photo)

See page 145 for backing pads

### 2A

- Aluminum oxide grain
- **General purpose, long life**
- Easy disc changes by twisting to unlock backing pad

**METAL** Ferrous and/or non-ferrous metals

**WOOD** Wood, plastic, fiberglass, etc.

### 3A

- Premium aluminum oxide grain with grinding aid
- Cooling agents for cool cutting and long life
- **Fast stock removal**
- Easy disc changes by twisting to unlock backing pad

**STAINLESS** Stainless steel, high tensile steel, titanium

**METAL** Ferrous and/or non-ferrous metals



#### Quick Tip

Use 3A or 3Z for top performance on stainless steel and aluminum.

Size	Grit	SAIT-LOK™ Part No.		SAIT-LOK-R™ Part No.		Qty Per Box
		2A	3A	2A	3A	
1"	36	52208	50208	-	-	100
	40	52209	50209	-	-	100
	50	52210	50210	-	-	100
	60	52211	50211	-	-	100
	80	52212	50212	-	-	100
	100	52213	50213	-	-	100
	120	52214	50214	-	-	100
1-1/2"	36	52215	50215	52264	50264	100
	40	52216	50216	52265	50265	100
	50	52217	50217	52266	50266	100
	60	52218	50218	52267	50267	100
	80	52219	50219	52268	50268	100
	100	52220	50220	52269	50269	100
	120	52221	50221	52270	50270	100
2"	36	52222	50222	52271	50271	100
	40	52223	50223	52272	50272	100
	50	52224	50224	52273	50273	100
	60	52225	50225	52274	50274	100
	80	52226	50226	52275	50275	100
	100	52227	50227	52276	50276	100
	120	52228	50228	52277	50277	100
3"	36	52229	50229	52278	50278	50
	40	52230	50230	52279	50279	50
	50	52231	50231	52280	50280	50
	60	52232	50232	52281	50281	50
	80	52233	50233	52282	50282	50
	100	52234	50234	52283	50283	50
	120	52235	50235	52284	50284	50

## Tech INFO

- 2-ply construction is rugged enough for contoured surfaces or flat surfaces
- Quick-change backings make for fast, easy disc changes and less downtime
- Universal backings fit most major backing pad brands on the market

GENERAL PURPOSE

COATED ABRASIVES

LAMINATED DISCS



# Zirconium



Portable Grinder

# LAMINATED DISCS

## SAIT-LOK™



All-metal attachment on disc ensures a secure fit to the backing pad

## SAIT-LOK-R™



Nylon screw threaded hub for easy mounting to the backing pad

See page 145 for backing pads



PREMIUM

COATED ABRASIVES

LAMINATED DISCS

### Z

- Premium zirconium grain
- **Very fast stock removal, long life**
- Easy disc changes by twisting to unlock backing pad

**STAINLESS** Stainless steel, high tensile alloys

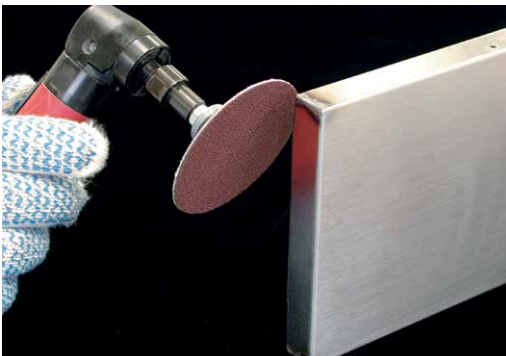
**METAL** Ferrous and/or non-ferrous metals (iron, steel, welds, etc.)

### 3Z

- Premium zirconium grain with grinding aid
- Cooling agents for cool cutting and long life
- **Very fast stock removal, no discoloration**
- Easy disc changes by twisting to unlock backing pad

**STAINLESS** Stainless steel, high tensile steel, titanium

**METAL** Ferrous and/or non-ferrous metals



Size	Grit	SAIT-LOK™ Part No.		SAIT-LOK-R™ Part No.		Qty Per Box
		Z	3Z	Z	3Z	
1-1/2"	36	55215	56215	55264	56264	100
	40	55216	-	55265	-	100
	50	55217	56217	55266	56266	100
	60	55218	56218	55267	56267	100
	80	55219	56219	-	56268	100
2"	24	55221	-	55270	-	100
	36	55222	56222	55271	56271	100
	40	55223	-	55272	-	100
	50	55224	56224	55273	56276	100
	60	55225	56225	55274	56274	100
3"	80	55226	56226	55275	56275	100
	24	55228	-	55277	-	50
	36	55229	56229	55278	56278	50
	40	55230	-	55279	-	50
	50	55231	56231	55280	56280	50
	60	55232	56232	55281	56281	50
	80	55233	56233	55282	56282	50

## Tech INFO

- 2-ply construction is rugged enough for contour surfaces or flat surfaces
- Quick-change backings make for fast, easy disc changes and less downtime
- Universal backings fit most major backing pad brands on the market



# FLAP WHEELS

Small Diameter



Die Grinder

Mat'l	Size		Grit	Part Number	
	Dia.	Width		1/4	1/4-20 Threaded
2A General purpose aluminum oxide	1	3/4	60	70001	71000
	1	3/4	80	70002	71001
	1	3/4	120	70003	71002
	1	3/4	180	70004	71003
	1	3/4	240	70005	71004
	1	1	60	70010	71010
	1	1	80	70011	71011
	1	1	120	70012	71012
	1	1	180	70013	71013
	1	1	240	70014	71014
	1-1/2	1/2	40	70024	-
	1-1/2	1/2	60	70025	71020
	1-1/2	1/2	80	70026	71021
	1-1/2	1/2	120	70027	71022
	1-1/2	1/2	180	70028	71023
	1-1/2	1/2	240	70029	71024
	1-1/2	1	60	70040	71030
	1-1/2	1	80	70041	71031
	1-1/2	1	120	70042	71032
	1-1/2	1	180	70043	71033
	1-1/2	1	240	70044	71034
	2	1	40	70049	-
	2	1	60	70050	71040
	2	1	80	70051	71041
	2	1	120	70052	71042
	2	1	180	70053	71043
	2	1	240	70054	71044
	2-1/2	1/2	60	70060	71050
	2-1/2	1/2	80	70061	71051
	2-1/2	1/2	120	70062	71052
	2-1/2	1/2	180	70063	71053
	2-1/2	1/2	240	70064	71054
	2-1/2	1	40	70069	-
	2-1/2	1	60	70070	71055
	2-1/2	1	80	70071	71056
	2-1/2	1	120	70072	71057
	2-1/2	1	180	70073	71058
	2-1/2	1	240	70074	71059
	3	1/2	60	70080	71060
	3	1/2	80	70081	71061
	3	1/2	120	70082	71062
	3	1/2	180	70083	71063
	3	1/2	240	70084	71064
	3	3/4	60	70090	71070
	3	3/4	80	70091	71071
3	3/4	120	70092	71072	
3	3/4	180	70093	71073	
3	3/4	240	70094	71074	
3	1	40	70099	-	
3	1	60	70100	71080	
3	1	80	70101	71081	
3	1	120	70102	71082	
3	1	180	70103	71083	
3	1	240	70104	71084	
3	2	40	70110	-	
3	2	60	70111	-	
3	2	80	70112	-	
3	2	120	70113	-	
3A Aluminum Oxide with grinding aid	2	1	60	74050	71160
	2	1	80	74051	71161
	2	1	120	74052	71162
	2-1/2	1	60	74060	71170
	2-1/2	1	80	74061	71171
	2-1/2	1	120	74062	71172
	3	1	60	74070	71180
	3	1	80	74071	71181
3	1	120	74072	-	

## Aluminum Oxide 2A

- Premium aluminum oxide grain
- **General purpose**
- Excellent for cleaning, deburring, polishing, blending

**METAL** Ferrous and/or non-ferrous metals (iron, steel, aluminum, copper, etc.)

**WOOD** Wood, plastic, fiberglass, etc.

## Aluminum Oxide with Grinding Aid 3A

- Premium aluminum oxide grain with grinding aid
- **Excellent for reducing heat build-up on heat sensitive materials**
- Excellent for cleaning, deburring, polishing, blending

**STAINLESS** Stainless steel, high tensile steel, titanium

**METAL** Ferrous and/or non-ferrous metals

Straight 1/4" and threaded 1/4-20 mandrels available  
See page 146 for 1/4-20 adapter

**Packaging**  
10/box



COATED ABRASIVES

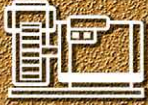
FLAP WHEELS



- Resin over resin construction for a strong bond resistant to heat and moisture
- Closed coat structure for more material removal
- High quality Egyptian cotton cloth backing provides superior durability
- UPC bar coded labeled boxes for easy identification and inventory maintenance



# Large Diameter



Pedestal Grinder



Angle Grinder

# FLAP WHEELS

## Aluminum Oxide 2A

- Premium aluminum oxide grain
- **General purpose**
- Excellent for cleaning, deburring, polishing, blending

**METAL** Ferrous metals

**ALUMINUM** Non-ferrous metals

**WOOD** Wood, plastic, fiberglass, etc.



## Aluminum Oxide 3A with Grinding Aid

- Premium aluminum oxide grain with grinding aid
- **Excellent for reducing heat build-up on heat sensitive materials**
- Excellent for cleaning, deburring, polishing, blending

**STAINLESS** Stainless steel, high tensile steel, titanium

**ALUMINUM** Non-ferrous metals

**METAL** Ferrous metals



## Threaded Flap Wheel (5/8-11 for Right Angle Grinder)

- For use on standard 4-1/2" and 5" angle grinders
- **Applies a linear scratch pattern, instead of a swirl; narrow profile is excellent for cleaning weld beads**
- Suitable for surface preparation, paint and rust removal, cleaning, and finishing
- Increases the versatility of your angle grinder

**STAINLESS** Stainless steel, high tensile steel, titanium

**METAL** Ferrous materials

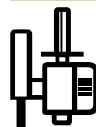
**ALUMINUM** Non-ferrous materials

Mat'l	Size			Max RPM	Grits Available	Part No.
	Dia.	Width	Spindle			
2A Premium aluminum oxide	6	1	1	6,000	60	72000
	6	1	1	6,000	80	72001
	6	1	1	6,000	100	72002
	6	1	1	6,000	120	72003
	6	1-1/2	1	6,000	60	72020
	6	1-1/2	1	6,000	80	72021
	6	1-1/2	1	6,000	120	72023
	6	2	1	6,000	60	72030
	6	2	1	6,000	80	72031
	6	2	1	6,000	100	72032
	6	2	1	6,000	120	72033
	8	1	1	4,400	60	72040
	8	1	1	4,400	80	72041
	8	1	1	4,400	120	72043
	8	2	1	4,400	60	72050
	8	2	1	4,400	80	72051
	8	2	1	4,400	120	72053
	3A Premium aluminum oxide with grinding aid	6	1	1	6,000	60
6		1	1	6,000	80	72006
6		1	1	6,000	120	72008
6		1-1/2	1	6,000	60	72025
6		1-1/2	1	6,000	80	72026
6		2	1	6,000	60	72035
6		2	1	6,000	80	72036
6		2	1	6,000	120	72038

**Packaging**  
6" - 5/box  
8" - 3/box

Dia.	Size		Max RPM	Grits Available	Part No.
	Width	Arbor			
4-1/2	3/4	5/8-11	13,300	40	72130
4-1/2	3/4	5/8-11	13,300	60	72132
4-1/2	3/4	5/8-11	13,300	80	72133
4-1/2	3/4	5/8-11	13,300	120	72135
5	3/4	5/8-11	12,200	40	72140
5	3/4	5/8-11	12,200	60	72142
5	3/4	5/8-11	12,200	80	72143
5	3/4	5/8-11	12,200	120	72145

**Packaging**  
5/box



For use on a  
Right Angle Grinder



### Quick Tip

**Slower speeds = better flap wheel performance and life.**

See page 146 for:  
1/4" shank adapter kit - #95009



- Resin over resin construction for a strong bond resistant to heat and moisture
- Closed coat structure for more material removal
- High quality Egyptian cotton cloth backing provides superior durability
- Label UPC bar coded for easy identification and inventory maintenance

FLAP WHEELS

COATED ABRASIVES

# SHEETS



- Full product offering of cloth and paper sheets in a variety of sizes and materials to fit your needs.
- Whether you are working by hand or with mechanical assistance, these products are sure to exceed your expectations.



## Ultimate Performance Paper Sheets (pg. 104-105):

- Highest quality industrial paper.
- Available in:
  - Aluminum oxide (AW-C and AW-D)
  - Premium stearate aluminum oxide (4S)
  - Stearate aluminum oxide (3S)
  - Silicon carbide (CW-C)
  - Garnet



## Premium Cloth 9 X 11 sheets (pg. 104):

- SAIT DA-F Cloth Sheet
  - Very flexible while maintaining the highest durability.
  - Open coat design.
- SAIT EA-S Cloth Sheet
  - Tear-resistant and non-loading.
  - Great for hand sanding wood, aluminum, and painted surfaces.



## Saitscreen™ 9 X 11 sheets (pg. 106):

- Cloth screen impregnated with silicon carbide grain.
- Non-loading, wet/dry design.



## Dry Wall Sheets (pg. 106):

- Premium products to fit plaster and dry wall joint applications.
- Available in Saitscreen™ cloth screen and silicon carbide paper sheets and rolls.



## Sponges (pg. 107):

- Premium quality sanding sponges for top performance.
- Available in:
  - 1" sanding blocks
  - 1/2" fabric reinforced
  - 5mm contour pads





Hand Sanding

## Cloth Sheets



## Aluminum Oxide (DA-F)

- Aluminum oxide grain on a flexible cloth backing
- Open coat structure prevents loading
- Long life combined with excellent stock removal
- **Excellent for woodworking applications**

### WOOD

Wood, plastic, fiberglass

### METAL

Ferrous and/or non-ferrous materials (iron, steel, copper, etc.)

- Available in F-weight - high flexibility

## Stearate Aluminum Oxide (EA-S)

- Aluminum oxide grain on a flexible tear-resistant cloth backing
- **Stearate coating and open coat structure lubricates and prevents loading**
- **Excellent for hand sanding wood, aluminum, and painted surfaces**

### WOOD

Wood, plastic, fiberglass

### METAL

Ferrous and/or non-ferrous materials (iron, steel, copper, etc.)

- Available in F-weight - high flexibility

## Aluminum Oxide

Size	Grit	DA-F Part No.	EA-S Part No.	Std Pkg.
9 x 11	36	84907	-	25
	40	84908	-	25
	50	84909	-	25
	60	84910	-	25
	80	84911	-	25
	100	84912	-	50
	120	84913	84160	50
	150	84914	84161	50
	180	84915	84162	50
	220	84916	84163	50
	240	84917	-	50
	320	84918	84166	50
	400	-	84167	50

## Paper Sheets



## Aluminum Oxide

Size	Grit Wgt.	Part No.	Std Pkg.
9 x 11 AW-D	40D	84211	100
	50D	84212	100
	60D	84213	100
	80D	84214	100
	100D	84215	100
	120D	84216	100
9 x 11 AW-C	150C	84200	100
	180C	84201	100
	220C	84202	100
	240C	84203	100
	320C	84204	100
	400C	84205	100
	500C	84206	100
	600C	84207	100
	800C	84208	100
	1200C	84209	100
9 x 11 Garnet	50D	84101	50
	60C	84102	50
	80C	84103	50
	100C	84104	100
	120C	84105	100
	180A	84107	100
220A	84108	100	

## Aluminum Oxide (AW-C & AW-D)

- Extremely long lasting
- Open coat structure prevents loading
- Use wet or dry

### WOOD

Wood, sealers, fillers

### METAL

Ferrous and/or non-ferrous metals

- **Available in grits up to 1200 for ultra fine finishing**
- Available in weights: "C"-medium weight, medium flexibility  
"D"-heavy weight, low flexibility

## Garnet

- Natural garnet grain
- Open coat structure prevents loading
- Use dry only

### WOOD

Soft woods

- Available in weights: "A"-light weight, high flexibility  
"C"-medium weight, medium flexibility  
"D"-heavy weight, low flexibility

Tech  
INFO

- Resin over resin construction for a strong bond resistant to heat and moisture
- Cloth backing for durability and flexibility
- Box label UPC bar coded for easy identification and inventory maintenance
- Our highest quality industrial paper for extra durability on all applications
- Broad assortment of grit sizes for a wide range of sanding and finishing applications
- Strong resin over resin bond construction is resistant to heat and moisture



## Premium Stearate Aluminum Oxide (4S)

- Premium aluminum oxide
- **Stearate coating and open coat structure lubricates and prevents loading**
- Long lasting performance and fast removal rates for fine finishing of automotive body works and wood finishing
- Use dry only
- Available in C-weight - medium weight, low flexibility

**WOOD** Body filler, paint, fiberglass, wood and fiberglass

**METAL** Ferrous and non-ferrous metals

## Stearate Aluminum Oxide (3S)

- Extremely long lasting
- **Open coat structure prevents loading**
- Use dry only

**WOOD** Sealers, body filler, paint, fiberglass, wood

**METAL** Aluminum

- Available in grits up to 500 for fine finishing
- Available in C-weight - medium weight, medium flexibility

## Waterproof

### Silicon Carbide (CW-C)

- Extremely long lasting
- **Closed coat structure for more material removal**
- Use wet or dry

**WOOD** Varnish, plastic, fiberglass, clear coat, primer

**CONCRETE** Marble, ceramics

**METAL** Ferrous and/or non-ferrous metals

- Available in grits up to 2000 for ultra fine finishing
- Available in C-weight - medium weight, medium flexibility

## SAIT-PAK™ 9" x 11" Sheets

- Packaged in smaller, easy-to-sell quantities.
- Specifically geared to customers desiring more consumer-oriented packaging: skilled craftsmen, professional tradesmen, MRO engineers, fabricators, and the knowledgeable do-it-yourselfer.



## Stearate Aluminum Oxide

Size	Grit Wgt.	Part No.		Std Pkg.
		3S	4S	
9 x 11	80C	84230	84283	100
	100C	84231	84284	100
	120C	84232	84285	100
	150C	84233	84286	100
	180C	84234	84287	100
	220C	84235	84288	100
	240C	84236	84289	100
	320C	84237	84290	100
	400C	84238	84291	100
	500C	84239	84292	100
	600C	-	84293	100

## Waterproof Silicon Carbide

Size	Grit Wgt.	Part No.	Std Pkg.
9 x 11 CW-C	80C	84249	100
	100C	84250	100
	120C	84251	100
	150C	84252	100
	180C	84253	100
	220C	84254	100
	240C	84255	100
	320C	84256	100
	400C	84257	100
	500C	84258	100
	600C	84259	100
	800C	84260	100
1200C	84261	100	
5-1/2 x 9 CW-C	1000C	84270	50
	1200C	84271	50
	1500C	84274	50
	2000C	84277	50

## All Purpose Aluminum Oxide Sheets

Part No	Grade/Grit	Sheets Per Pkg	Pkgs Per Unit
10012	Very Fine - 220	5	5
10010	Fine - 150	5	5
10008	Medium - 100	5	5
10006	Coarse - 60	3	5
10015	Assorted: 2 Very Fine, 2 Fine, 1 Medium	5	5

## Waterproof Silicon Carbide Sheets

Part No	Grade/Grit	Sheets Per Pkg	Pkgs Per Unit
10034	Ultra Fine - 600	5	5
10032	Super Fine - 400	5	5
10031	Extra Fine - 320	5	5
10028	Very Fine - 220	5	5
10036	Assorted: 2 Super Fine, 2 Extra Fine, 1 Very Fine	5	5

COATED ABRASIVES

SHEETS





## Saitscreen™

- Strong cloth screen impregnated with silicon carbide grain
- Open coat structure prevents loading
- Use wet or dry
- **Extremely long lasting**
- Double sided and die cut

**WOOD** Plaster, dry wall joints

## Paper

- Aluminum oxide grain
- Paper backing
- Open coat structure prevents loading
- Use dry
- **Provides a smooth finish**
- Easy-to-handle rolls for on-the-job "cut to size" use

**WOOD** Plaster, dry wall joints



## Saitscreen™ 9 x 11 Sheets

- Cloth screen impregnated with silicon carbide grain
- Use wet or dry
- Non-loading
- **Strong, long lasting**

**WOOD** Body filler, paint, fiberglass

**CONCRETE** Ceramic, marble, cement

**METAL** Ferrous and/or non-ferrous metals



Size	Grit Wgt.	Part No.	Std Pkg.
<b>Saitscreen™</b>	80	84070	50
4-3/16 x 11	100	84071	50
Diecut	220	84075	50
	80C	84066	100
<b>Paper</b>	100C	84067	100
3-5/16 x 11	120C	84068	100
	150C	84069	100
<b>Paper</b>	80C	84051	100
4-3/16 x 11	100C	84050	100
Diecut	120C	84052	100
	150C	84053	100
<b>Paper</b>	80C	84056	1
3-5/16	100C	84057	1
x 50 yds.	120C	84058	1
	150C	84059	1
	80	84076	25
<b>Saitscreen™</b>	100	84077	25
9 x 11	120	84078	25
	150	84079	25

COATED ABRASIVES

SHEETS

- Available in screen or paper sheets offering the best product for your application
- Open coat structures on both backings prevents clogging and loading in extreme applications



# SPONGES & SHEETS



## Sanding Sponges

- Premium abrasive grain on a soft, foam backing
- Foam backing provides ultimate conformability and is washable for long life
- For use on wood moldings, metal contours, drywall sanding, and paint removal applications

**WOOD** Hardwoods and softwoods, plastic, paint fiberglass, auto body filler, and drywall compounds

**METAL** Ferrous and/or non-ferrous metals



### Hi-Density Sanding Block

### Contour Sanding Pad

### Fabric Reinforced Sanding Pad

Size	Grit Available	Part Nos.	Qty Per Box
1"	60	86355	24
	80	86356	24
	100	86357	24
	120	86359	24
	180	86360	24
5 mm	60	86445	100
	100	86447	100
	180	86450	100
	280	86451	100
1/2"	60	86475	24
	100	86477	24
	150	86479	24
	180	86480	24
	220	86481	24

Note: Sponges are double sided

## Aluminum Oxide clip-on Fileboard Sheets

- Aluminum oxide grain
- Open coat structure prevents loading

**WOOD** Auto body filler, paint & fiberglass

**METAL** Ferrous and/or non-ferrous metals



Size	Grit Wgt.	Part No.	Std Pkg.
Aluminum Oxide 2-3/4 x 17-1/2	36D	84170	50
	40D	84171	50
	60D	84172	100
	80D	84173	100
	100C	84174	100



- Sanding sponges can be used wet or dry for fine finishing and can be washed to extend cutting life (just wash with water)
- In general, the finish of sanding sponges will be finer than traditional coated abrasives
- Due to the ability to conform to different shapes, sanding sponges are able to sand and finish in hard to reach areas

COATED ABRASIVES

SHEETS





## Industrial Rolls - EA-F

- Aluminum oxide grain
- Premium quality EA-F material for very high flexibility
- High tensile strength, extra durable backing
- Long life
- Primarily for machine applications

**METAL** Ferrous and/or non-ferrous metals (iron, aluminum, copper, normal and high tensile steel)

**WOOD** Wood, fiberglass, etc.

## Handy Rolls - DA-F

- Aluminum oxide grain
- High quality DA-F material for high flexibility
- Medium tensile strength
- Primarily for hand applications

**METAL** Ferrous and/or non-ferrous materials (iron, aluminum, copper, normal and high tensile steel)

**WOOD** Wood, fiberglass, etc.



COATED ABRASIVES

SHOP ROLLS

**Packaging**  
50 yd length, 1/box

EA-F Industrial Rolls		Size Width	Grit	Part No.
1"			40	80415
			50	80515
			60	80615
			80	80815
			100	81015
			120	81215
			150	81515
			180	81815
			220	82215
			240	82415
			320	83215
			400	83415
1-1/2"			40	80416
			50	80516
			60	80616
			80	80816
			100	81016
			120	81216
			150	81516
			180	81816
			220	82216
			240	82416
			320	83216
			400	83416
2"			40	80430
			50	80530
			60	80630
			80	80830
			100	81030
			120	81230
			150	81530
			180	81830
			220	82230
			240	82430
			320	83230
			400	83430

DA-F Handy Rolls		Size Width	Grit	Part No.
1"			40	80405
			50	80505
			60	80605
			80	80805
			100	81005
			120	81205
			150	81505
			180	81805
			220	82205
			240	82405
			320	83205
			400	83405
1-1/2"			40	80406
			50	80506
			60	80606
			80	80806
			100	81006
			120	81206
			150	81506
			180	81806
			220	82206
			240	82406
			320	83206
			400	83406
2"			40	80420
			50	80520
			60	80620
			80	80820
			100	81020
			120	81220
			150	81520
			180	81820
			220	82220
			240	82420
			320	83220
			400	83420

**Tech  
INFO**

- Resin over resin construction for a strong bond resistant to heat and moisture
- Egyptian cotton cloth backing for superior durability
- Available in 2 tensile strengths for a wide range of applications
- Open coat structure prevents loading
- Box label UPC bar coded for easy identification and inventory maintenance



## DA-F Mini Shop Rolls

- Aluminum oxide grain
- DA-F material for high flexibility
- Open coat structure prevents loading
- For hand applications

**METAL** Ferrous and/or non-ferrous materials

**WOOD** Wood, fiberglass, etc.

**Packaging**  
10 yard lengths

### DA-F Mini Shop Rolls

Size	Grit	Part No.
1-1/2" x 10 yds.	60	80607
	80	80807
	120	81207
	180	81807



## EA-F Custom Rolls

- Premium quality EA-F material for very high flexibility used in industrial rolls
- Open coat structure prevents loading

**METAL** Ferrous and/or non-ferrous materials

**WOOD** Wood, fiberglass, etc.

Can be slit up to 3 cuts, 3" minimum width  
**Specify widths when ordering**

**Packaging**  
50 yard lengths

### EA-F Custom Rolls

Size Width	Grit	Part No.
12"	40	81640
	50	81650
	60	81660
	80	81680
	100	81610
	120	81612
	150	81615
	180	81618
	220	81622
	240	81624
	320	81632
	400	81604

## Tech INFO

- Resin over resin construction for a strong bond resistant to heat and moisture
- Egyptian cotton cloth backing for superior durability
- Available in 2 tensile strengths for a wide range of applications
- Open coat structure prevents loading
- Box label UPC bar coded for easy identification and inventory maintenance

COATED ABRASIVES

SHOP ROLLS





Rolls

## Saitscreen™ Rolls

- Silicon carbide grain
- Long life
- Waterproof
- **Non-loading screen cloth**

**METAL** Ferrous and/or non-ferrous metals (steel, solder, copper)

**CONCRETE** Ceramic

**WOOD** Wood, paint, etc.



Individually packaged rolls

## Saitscreen™ Rolls

Size Width	Grit	Part No.
1-1/2" x 5 yds.	80	84089
	120	84092
	180	84095
1-1/2" x 10 yds.	80	84090
	120	84093
	180	84096
1-1/2" x 25 yds.	80	84091
	120	84094
	180	84097

## Plumber Rolls

- Aluminum oxide grain
- Open coat structure prevents loading
- Use dry only
- **Excellent for cleaning pipe ends**

**METAL** Ferrous and/or non-ferrous materials, copper piping



Packaged 1/box

## Plumber Rolls

Size Width	Grit	Part No.
1-1/2" x 25 yds	120	80000

## AW-D Mini Paper Rolls

- Aluminum oxide grain
- Open coat structure prevents loading
- For wet or dry hand operations

**WOOD** Wood, paint, etc.

**PAINT** Body filler, paint, primers

**METAL** Ferrous and/or non-ferrous metals



Packaged 10/box



## Mini Paper Rolls

Size Width	Grit	Part No.
4-1/2" x 5 yds	40	81101
	60	81102
	80	81103
	100	81104
	120	81105
	150	81106
	180	81107
	220	81108

Tech  
INFO

### Saitscreen™ Rolls

- Double sided for long life
- Box label UPC bar coded for easy identification and inventory maintenance

### Plumber Rolls

- Box label UPC bar coded for easy identification and inventory maintenance
- Cloth backed for durability and flexibility





Die Grinder

### Aluminum Oxide - General Purpose

Premium Aluminum Oxide Grain

- Excellent for removing parting lines, imperfections, and burrs on all surfaces
- Great in curved, corner, contoured, and hard to reach areas

**METAL** Ferrous and/or non-ferrous metals

**STAINLESS** Stainless steel, high tensile steel, wood

See page 147 for Drums



### Spiral Bands

Size	Grit	Max RPM	Part Nos.	Qty Per Box
1/2 x 1/2	60	30,000	42001	100
	80	30,000	42002	100
	120	30,000	42003	100
1/2 x 1	60	15,000	42006	100
	80	15,000	42007	100
	120	15,000	42008	100
1/2 x 1-1/2	60	12,000	42011	100
	80	12,000	42012	100
	120	12,000	42013	100
3/4 x 1	36	19,000	42016	100
	60	19,000	42017	100
	80	19,000	42018	100
	120	19,000	42019	100
3/4 x 1-1/2	60	10,000	42022	100
	80	10,000	42023	100
	120	10,000	42024	100
1 x 1	36	18,000	42027	100
	60	18,000	42028	100
	80	18,000	42029	100
	120	18,000	42030	100
1-1/2 x 1	36	14,000	42033	100
	60	14,000	42034	100
	80	14,000	42035	100
	120	14,000	42036	100
1-1/2 x 1-1/2	36	10,000	42039	100
	60	10,000	42040	100
	80	10,000	42041	100
	120	10,000	42042	100
2 x 2	36	6,000	42045	50
	60	6,000	42046	50
	80	6,000	42047	50
	120	6,000	42048	50
3 x 3	36	3,000	42051	50
	60	3,000	42052	50
	80	3,000	42053	50
	120	3,000	42054	50



COATED  
ABRASIVES

SPECIALTIES



- Single ply of coated abrasive, spirally wound and bonded to an inner liner
- Quick removal and installation
- Smooth running for ease of use and control



# Cartridge Rolls



Die Grinder

# SPECIALTIES

## Aluminum Oxide - Straight

Premium Aluminum Oxide Grain

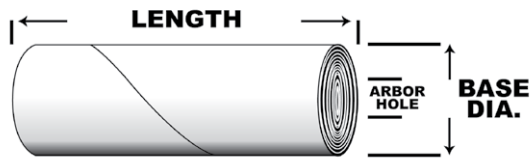
- Excellent for sanding and polishing channels, fillets, recesses, side walls, and bottoms of dead-end holes
- Great for high speed deburring and flash removal

**METAL** Ferrous and/or non-ferrous metals

**STAINLESS** Stainless steel, high tensile steel

Packaging 100/box

See page 147 for Cartridge Roll mandrels



COATED ABRASIVES

SPECIALTIES

Size B x L x A	Grit	Max RPM	Cartridge Roll Part Nos.	Mandrel Part Nos.
3/16 x 1 x 3/32	80	26,000	38001	95108
	120	26,000	38003	95108
1/4 x 1 x 1/8	60	26,000	38007	95105
	80	26,000	38008	95105
	120	26,000	38010	95105
1/4 x 1-1/2 x 1/8	320	26,000	38013	95105
	60	26,000	38014	95104
	80	26,000	38015	95104
3/8 x 1 x 1/8	120	26,000	38017	95104
	240	26,000	38019	95104
	60	26,000	38040	95105
3/8 x 1-1/2 x 1/8	80	26,000	38041	95105
	120	26,000	38043	95105
	50	26,000	38047	95104
3/8 x 2 x 1/8	60	26,000	38048	95104
	80	26,000	38049	95104
	120	26,000	38051	95104
1/2 x 1 x 1/8	60	26,000	38055	95103
	80	26,000	38056	95103
	50	26,000	38062	95105
1/2 x 1 x 1/8	60	26,000	38063	95105
	80	26,000	38064	95105
	120	26,000	38066	95105

Size B x L x A	Grit	Max RPM	Cartridge Roll Part Nos.	Mandrel Part Nos.
1/2 x 1-1/2 x 1/8	36	26,000	38070	95104
	40	26,000	38071	95104
	50	26,000	38072	95104
	60	26,000	38073	95104
	80	26,000	38074	95104
1/2 x 2 x 1/8	120	26,000	38076	95104
	60	26,000	38080	95103
	80	26,000	38081	95103
1/2 x 2 x 3/16	120	26,000	38083	95103
	60	26,000	38087	95106
	80	26,000	38088	95106
5/8 x 1-1/2 x 1/8	120	26,000	38089	95106
	60	18,000	38093	95104
	80	18,000	38094	95104
3/4 x 1-1/2 x 3/16	120	18,000	38095	95104
	40	18,000	38112	95107
	60	18,000	38113	95107
3/4 x 2 x 3/16	80	18,000	38114	95107
	40	18,000	38119	95106
	60	18,000	38120	95106
1 x 1-1/2 x 1/4	80	18,000	38121	95106
	120	18,000	38122	95106
	60	18,000	38126	95102
1 x 2 x 1/4	80	18,000	38127	95102
	120	18,000	38128	95102
	60	18,000	38132	95101
1 x 2 x 1/4	80	18,000	38133	95101
	120	18,000	38134	95101



- Multi-layer, self dressing construction - exposes sharp, new cutting abrasive as each layer wears away
- Available in straight and full taper designs - long lasting performance
- Quick removal and installation - less downtime



Die Grinder

## Aluminum Oxide - Full Taper

### Premium Aluminum Oxide Grain

- Excellent for sanding and polishing channels, fillets, recesses, side walls, and bottoms of dead-end holes
- Great for high speed deburring and flash removal

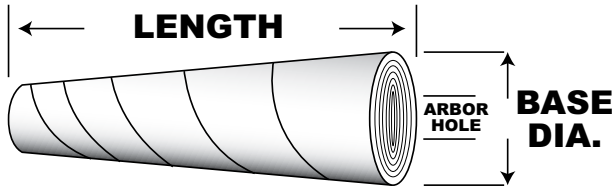
**METAL** Ferrous and/or non-ferrous metals

**STAINLESS** Stainless steel, high tensile steel

### Packaging

100/box

See page 147 for Cartridge Roll mandrels



Base Dia.	Size		Grit	Max RPM	Cartridge Roll Part Nos.	Mandrel Part Nos.
	Length	Arbor Hole				
3/8	1	1/8	60	26,000	38300	95105
3/8	1	1/8	80	26,000	38301	95105
3/8	1	1/8	120	26,000	38302	95105
3/8	1-1/2	1/8	60	26,000	38306	95104
3/8	1-1/2	1/8	80	26,000	38307	95104
3/8	1-1/2	1/8	120	26,000	38308	95104
1/2	1	1/8	60	26,000	38312	95105
1/2	1	1/8	80	26,000	38313	95105
1/2	1	1/8	120	26,000	38314	95105
1/2	1-1/2	1/8	50	26,000	38318	95104
1/2	1-1/2	1/8	60	26,000	38319	95104
1/2	1-1/2	1/8	80	26,000	38320	95104
1/2	1-1/2	1/8	120	26,000	38322	95104
1/2	2	1/8	60	26,000	38326	95103
1/2	2	1/8	80	26,000	38327	95103
1/2	2	1/8	120	26,000	38328	95103
5/8	2	1/8	60	18,000	38332	95103
5/8	2	1/8	80	18,000	38333	95103
3/4	1-1/2	1/8	60	18,000	38338	95104
3/4	1-1/2	1/8	80	18,000	38339	95104
3/4	1-1/2	1/8	120	18,000	38340	95104
3/4	2	3/16	60	18,000	38344	95106
3/4	2	3/16	80	18,000	38345	95106
3/4	2	3/16	120	18,000	38346	95106

COATED ABRASIVES

SPECIALTIES

## Tech INFO

- Multi-layer, self dressing construction - exposes sharp, new cutting abrasive as each layer wears away
- Available in straight and full taper designs - long lasting performance
- Quick removal and installation - less downtime





Die Grinder

## Cross Pads

Size	Mandrel Size	Grit	Recommended RPM Range	Max RPM	Part No.	Qty Per Box
1 x 3/8	3-48	60	20,000-23,000	25,000	48036	50
	3-48	80	20,000-23,000	25,000	48037	50
	3-48	120	20,000-23,000	25,000	48038	50
1-1/2 x 1/2	8-32	60	19,000-20,000	23,000	48041	50
	8-32	80	19,000-20,000	23,000	48042	50
2 x 1/2	8-32	60	19,000-20,000	23,000	48046	50
	8-32	80	19,000-20,000	23,000	48047	50
	8-32	120	19,000-20,000	23,000	48048	50
2 x 1	1/4-20	60	19,000-20,000	23,000	48051	50
	1/4-20	80	19,000-20,000	23,000	48052	50
	1/4-20	120	19,000-20,000	23,000	48053	50
3 x 1	1/4-20	60	10,000-12,000	14,000	48056	50
	1/4-20	80	10,000-12,000	14,000	48057	50
	1/4-20	120	10,000-12,000	14,000	48058	50
4 x 1	1/4-20	60	9,000-10,000	14,000	48061	50
	1/4-20	80	9,000-10,000	14,000	48062	50
	1/4-20	120	9,000-10,000	14,000	48063	50

## Aluminum Oxide - General Purpose Premium Aluminum Oxide Grain

- Excellent for deburring tubing, blending radii, polishing inside contours, and polishing and finishing bell-mouth configurations, drop forge and Kirksite dies

- METAL** Ferrous and/or non-ferrous metals
- STAINLESS** Stainless steel, high tensile steel



See page 147 for mandrels

## Square Pads

Size	Mandrel Size	Grit	Recommended RPM Range	Max RPM	Part No.	Qty Per Box
1-1/2 x 1/2	1/4-20	60	19,000-20,000	23,000	48006	50
	1/4-20	80	19,000-20,000	23,000	48007	50
	1/4-20	120	19,000-20,000	23,000	48008	50
2 x 1/4	8-32	60	19,000-20,000	23,000	48011	50
	8-32	80	19,000-20,000	23,000	48012	50
2 x 1/2	1/4-20	60	19,000-20,000	23,000	48016	50
	1/4-20	80	19,000-20,000	23,000	48017	50
	1/4-20	120	19,000-20,000	23,000	48018	50
2 x 3/4	1/4-20	60	19,000-20,000	23,000	48021	50
	1/4-20	80	19,000-20,000	23,000	48022	50
3 x 1/4	1/4-20	60	10,000-12,000	14,000	48026	50
	1/4-20	80	10,000-12,000	14,000	48027	50
	1/4-20	120	10,000-12,000	14,000	48028	50
3 x 1/2	1/4-20	60	10,000-12,000	14,000	48031	50
	1/4-20	80	10,000-12,000	14,000	48032	50
	1/4-20	120	10,000-12,000	14,000	48033	50

## Aluminum Oxide - General Purpose Premium Aluminum Oxide Grain

- Excellent for grinding and blending on channels, fillets and corners, spotting on flat surfaces, and blending welds inside of pipes

- METAL** Ferrous and/or non-ferrous metals
- STAINLESS** Stainless steel, high tensile steel, wood



- Multi-ply abrasive pad - exposes new cutting surface as each layer wears
- Cushioned, chatter free grinding and polishing for long lasting performance



## Sheets

### Grits 12-20

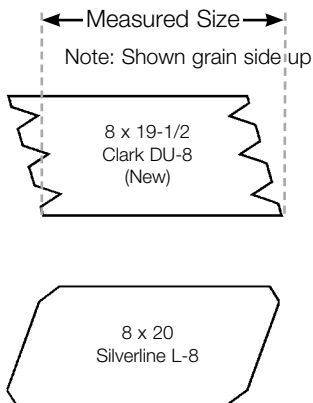
- Silicon carbide grain
- Combination backing paper and cloth
- Open coat structure prevents loading
- **Excellent for removing heavy finishes**

**WOOD** Wood

### Grits 36-100

- Silicon carbide grain
- Closed coat for more material removal
- **Excellent for general refinishing**

**WOOD** Wood



Size	Grit Available		Part Nos.	Qty Per Box
	New Grit	Old Grit		
8 x 19-1/2	16	4	85000	50
	20	3-1/2	85001	50
	36	2	85002	50
	40	1-1/2	85003	50
	60	1/2	85004	50
	80	0	85005	50
8 x 20	100	2/0	85006	50
	16	4	85007	50
	20	3-1/2	85008	50
	36	2	85009	50
	40	1-1/2	85010	50
	60	1/2	85011	50
	80	0	85012	50
	100	2/0	85013	50

There are 2 grit grading systems for abrasive floor paper. Both systems appear in the table at left.



COATED ABRASIVES

## Belts - Cloth

### Grits 36-120

- Premium zirconium grain for high stock removal and long life
- Belt design allows for quick changing of abrasive materials

**WOOD** Wood floors

Size	Grit Available	Part Nos.	Qty Per Box
8 x 19 AZ-X Zirconium	36	85285	10
	50	85286	10
	60	85287	10
	80	85288	10
	120	85289	10

**Tech INFO**

- Professional quality for use in tough industrial jobs
- Shrink wrapped for easy handling and long life
- Box label UPC bar coded for easy identification and inventory maintenance

FLOOR SANDING



# Sanding Discs

# FLOOR SANDING



Edge Sander



Floor Sander

## Grits 12-20

- Silicon carbide grain
- Combination backing paper and cloth
- Open coat structure prevents loading
- **Excellent for removing heavy finishes**

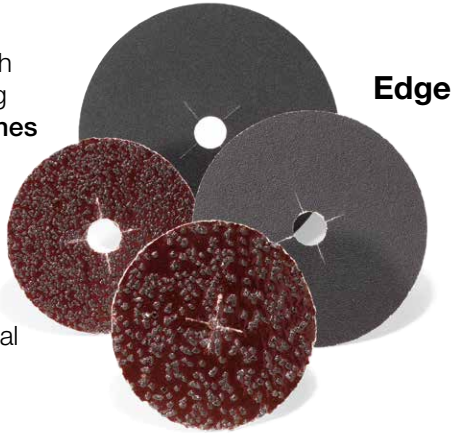
**WOOD** Wood

## Grits 36-100

- Silicon carbide grain
- Closed coat for more material removal
- **Excellent for general refinishing**

**WOOD** Wood

There are 2 grit grading systems for abrasive floor paper. Both systems appear in the table.



Edge

Lg. Dia.

Size	Grit Available		Part Nos.	Qty Per Box	
	New Grit	Old Grit			
5 x 1/4	12	4-1/2	85230	20	
	16	4	85231	20	
	20	3-1/2	85232	20	
	36	2	85233	20	
	40	1-1/2	85234	20	
	60	1/2	85235	25	
	80	0	85236	25	
	100	2/0	85237	25	
	7 x 7/8	12	4-1/2	85219	20
		16	4	85220	20
20		3-1/2	85221	20	
36		2	85222	20	
40		1-1/2	85223	20	
60		1/2	85224	25	
80		0	85225	25	
100		2/0	85226	25	
15 x 2		12	4-1/2	85121	20
		16	4	85100	20
	20	3-1/2	85101	20	
	36	2	85102	20	
	40	1-1/2	85103	20	
	60	1/2	85104	25	
	80	0	85105	25	
	100	2/0	85106	25	
	16 x 2	12	4-1/2	85122	20
		16	4	85107	20
20		3-1/2	85108	20	
36		2	85109	20	
40		1-1/2	85110	20	
60		1/2	85111	25	
80		0	85112	25	
100		2/0	85113	25	
17 x 2		12	4-1/2	85123	20
		16	4	85114	20
	20	3-1/2	85115	20	
	36	2	85116	20	
	40	1-1/2	85117	20	
	60	1/2	85118	25	
	80	0	85119	25	
	100	2/0	85120	25	
	18 x 2	12	4-1/2	85130	20
		16	4	85131	20
20		3-1/2	85132	20	
36		2	85133	20	
40		1-1/2	85134	20	
60		1/2	85135	25	
80		0	85136	25	
100		2/0	85137	25	
20 x 2		12	4-1/2	85140	20
		16	4	85141	20
	20	3-1/2	85142	20	
	36	2	85143	20	
	40	1-1/2	85144	20	
	60	1/2	85145	25	
	80	0	85146	25	
	100	2/0	85147	25	

COATED ABRASIVES

FLOOR SANDING

Tech  
INFO

- Professional quality for use in tough industrial jobs
- Shrink wrapped for easy handling and long life



# FLOOR SANDING Rolls & Saitscreen™



Floor Sander



## Grits 12-20

- Silicon carbide grain
- Combination backing paper and cloth
- Open coat structure prevents loading
- **Excellent for removing heavy finishes**

**WOOD** Wood floors

## Grits 36-100

- Silicon carbide grain
- Closed coat for more material removal
- **Excellent for general refinishing**

**WOOD** Wood floors

Size	Grit Available		Part Nos.	Pack
	New Grit	Old Grit		
8" x 50 yards	12	4-1/2	85307	1
	16	4	85300	1
	20	3-1/2	85301	1
	36	2	85302	1
	40	1-1/2	85303	1
	60	1/2	85304	1
	80	0	85305	1
	100	2/0	85306	1

There are 2 grit grading systems for abrasive floor paper. Both systems appear in the table below.



## Saitscreen™ Discs

- Cloth screen impregnated with silicon carbide grain
- **Long life**
- Non-loading
- Double sided for long life
- **Excellent for removing paint and varnish from floors**

**WOOD** Wood

**CONCRETE** Ceramic tile, cement

Size	Grit	Part No.	Qty Per Box
16"	60	88606	10
	80	88608	10
	100	88610	10
	120	88612	10
17"	60	88706	10
	80	88708	10
	100	88710	10
	120	88712	10
18"	80	88808	10
	100	88810	10
	120	88812	10
20"	60	88006	10
	80	88008	10
	100	88010	10
	120	88012	10

COATED ABRASIVES



- For orbital sanding machines

## Saitscreen™

- Silicon carbide grain
- Long life
- Non-loading
- Double sided
- **Excellent for removing paint and varnish**

**WOOD** Wood

**CONCRETE** Concrete

Size	Grit	Part No.	Qty Per Box
Saitscreen™ 12 x 24	80	88002	10
	100	88003	10
	120	88004	10

FLOOR SANDING



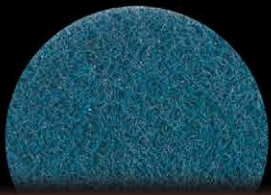
### Floor Sanding Rolls

- Professional quality for use in tough industrial jobs
- Box label UPC bar coded for easy identification and inventory maintenance

### Saitscreen™

- Non-gouging for safe use on all floor surfaces
- Popular with DIY homeowners for ease of use





# NON-WOVEN

- Non-woven abrasives for use in a variety of applications especially in the metal working industry.
- Constructed of nylon fibers with a resin binder to hold the nylon and grains together.
- Changes the surface of the material without removing or damaging the base materials.
- Reduce the risk of under-cutting or gouging the workpiece.



## **Sand-Light™ Abrasive Hand Pads (pg. 119):**

- 6 x 9 hand pads for hand use



## **SAIT-LOK™ and SAIT-LOK-R™ (pg. 121):**

- Surface conditioning discs 1-1/2", 2", 3", 4" discs for mechanical use

## **Surface Conditioning, Sand-Light™ & Buffing Discs (pg. 122, 123 & 130):**

- Surface Conditioning Discs available 4", 4-1/2", 5", 6", 7", 8" hook and loop discs for excellent removal of surface coatings and contaminants
- Sand-Light™ Blending Discs for mirror finishing and blending
- Buffing Discs designed for cosmetic finishing



## **Surface Conditioning Belts (pg. 120):**

- High speed removal of surface coatings and contaminants
- Available in coarse, medium and very fine



## **SAIT-Strip™ (pg. 129):**

- High speed stripping tool used for removing paint, rust or other contaminants from surfaces



## **Flap Brushes (pg. 124):**

- Provide a linear finish on a variety of materials



## **Interleaf & Flap Wheels (pg. 125):**

- Constructed with alternating flaps of surface conditioning material and coated abrasive material for a high cut rate and a uniform scratch pattern



## **Unitized Wheels and Type 27 (pg. 127):**

- Constructed by bonding and compressing layers of non-woven materials
- Excellent for light deburring to fine finishing



## **Sand-Light™ Flap Discs (pg. 126):**

- For general surface preparation and finishing
- Layered flaps provide long life
- Ideal for cleaning, grinding, deburring, blending, finishing, and polishing



## **NEW! SAIT Grind & Finish (pg. 126):**

- Combines coated and non-woven abrasives which allows you to "Grind & Finish" with one product reducing time and labor



## **Convolute Wheels (pg. 128):**

- Dense, non-woven wheels for use in aggressive deburring, weld blending and polishing

NON-WOVEN  
ABRASIVES



Hand Sander

## Brown

- Heavy duty
- Excellent for removing heavy rust and cleaning welds

**METAL** Ferrous and/or non-ferrous metals

## Maroon

- General purpose
- For removing light rust
- Excellent for cleaning and brightening

**METAL** Ferrous and/or non-ferrous metals

## Black

- For blending and finishing
- Excellent for paint removal

**STAINLESS** Stainless steel

**METAL** Ferrous and/or non-ferrous metals

## Green

- General cleaning
- Excellent for stripping paint and varnish

**METAL** Ferrous and/or non-ferrous metals

**WOOD** Paint, varnish

## Gray

- Ultra fine
- For light finishing
- Excellent for sanding before/between finish coats

**METAL** Non-ferrous metals

**WOOD** Wood

## White

- Light duty
- For light cleaning and polishing

**WOOD** Fiberglass, vinyl, plastic

**CONCRETE** Ceramic



Size	Grade	Color	Part Nos.	Pads Per Box
6 x 9	Heavy Duty	Brown	77440	20
	General Purpose	Maroon	77447	20
	Stainless	Black	77446	20
	Stripper	Green	77496	20
	Ultra Fine	Gray	77448	20
	Light Duty	White	77486	20

Handle available for uniform finishing on page 145



- Non-woven synthetic fiber impregnated with abrasive grain for surface conditioning without damage to or removal of base material. Resists loading and heat build-up
- Wet/dry construction for use in a wide range of applications
- Available in a variety of grades from heavy duty to polishing applications
- Reusable and long lasting design for economical use
- Box label UPC bar coded for easy identification and inventory maintenance

NON-WOVEN  
ABRASIVES

NON-WOVEN



# Belts



Benchstand



File Sander



Portable Sander



Backstand

# NON-WOVEN

## Brown

- Coarse
- Excellent for deburring, blending
- For use on mill marks, tool marks, to create a smooth transition on surface profiles

**STAINLESS** Stainless steel

**METAL** Ferrous and/or non-ferrous materials

**WOOD** Fiberglass and rubber

## Maroon

- General purpose
- Excellent for blending and cleaning
- Reduce uneven edges on adjoining surfaces
- Remove coatings, gaskets, and surface discolorations

**STAINLESS** Stainless steel

**METAL** Ferrous and/or non-ferrous materials

**WOOD** Fiberglass and rubber

## Blue

- Very fine
- Excellent for cleaning and finishing
- Reduce surface roughness
- Polish welds
- Use to apply cosmetic grain or scratch patterns

**STAINLESS** Stainless steel

**METAL** Ferrous and/or non-ferrous materials

**WOOD** Fiberglass and rubber



Size	Coarse Brown	Medium Maroon	Very fine Blue	Qty Per Box
1/2 x 18	77510	77511	77512	10
1/2 x 24	77515	77516	77517	10
3/4 x 18	77520	77521	77522	10
3/4 x 20-1/2	77575	77576	77577	10
3-1/2 x 15-1/2	77500	77501	77502	10
1 x 42	-	77526	-	10
2 x 48	77530	77531	-	10
2 x 60	77535	-	-	10
3 x 21	77570	77571	77572	10
3 x 24	77560	77561	77562	10
4 x 24	77565	77566	-	10
6 x 48	77540	77541	-	5



## Tech INFO

- Non-woven synthetic fiber impregnated with abrasive grain for surface conditioning without damage to or removal of base material. Resists loading and heat build-up
- Offered in very narrow widths for use on tight radii and hard to reach applications
- Flexible yet extra durable splice method for resistance to breaking or cracking under severe stress

NON-WOVEN ABRASIVES

NON-WOVEN



# NON-WOVEN Deburring & Cleaning

## Discs



Portable Grinder

### Brown

- Heavy duty
- Excellent for heavy deburring, removing weld spatter and blending tool / mill marks, rust removal

**STAINLESS** Stainless steel

**METAL** Ferrous and/or non-ferrous materials

**WOOD** Fiberglass, gaskets

### Maroon

- General purpose
- Excellent for light deburring, blending scratch patterns, removing coatings/adhesives

**STAINLESS** Stainless steel

**METAL** Ferrous and/or non-ferrous materials

**WOOD** Fiberglass, gaskets

### Blue

- Very fine
- Excellent for cosmetic grain finishing, polishing welds, and reducing grinding marks

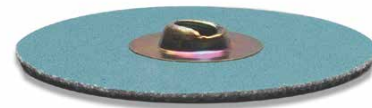
**STAINLESS** Stainless steel

**METAL** Ferrous and/or non-ferrous materials

**WOOD** Fiberglass, gaskets



**SAIT-LOK™**



All-metal attachment on disc ensures a secure fit to the backing pad

**SAIT-LOK-R™**



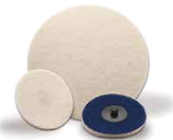
Nylon screw threaded hub for easy mounting to the backing pad



See page 145 for backing pads

Hook & Loop style discs in 4" - 8" available on page 122

See page 130 for Buffing Discs



Size	Grade	Color	SAIT-LOK™ Part No.	SAIT-LOK-R™ Part No.	Qty Per Box
1-1/2"	Coarse	Brown	77200	77300	50
	Medium	Maroon	77202	77302	50
	Very Fine	Blue	77203	77303	50
2"	Coarse	Brown	77206	77306	50
	Medium	Maroon	77208	77308	50
	Very Fine	Blue	77209	77309	50
3"	Coarse	Brown	77212	77312	25
	Medium	Maroon	77214	77314	25
	Very Fine	Blue	77215	77315	25
4"	Coarse	Brown	-	77318	25
	Medium	Maroon	-	77320	25
	Very Fine	Blue	-	77321	25

NON-WOVEN  
ABRASIVES

NON-WOVEN

**Tech  
INFO**

- For finer finishing prior to buffing, use Sand-Light™ blending discs on page 125
- Non-woven synthetic fiber coated with aluminum oxide grain resists loading for long life
- Flexible construction for use on contoured surfaces
- Non-woven disc can be switched to laminated disc using same backing pads for less downtime
- Box label UPC bar coded for easy identification and inventory maintenance



# Discs

# NON-WOVEN HOOK & LOOP

## Deburring & Cleaning



Disc Sander Angle Grinder Portable Grinder



See page 130 for Buffing Discs

### Brown

- Heavy duty
- Excellent for heavy deburring, removing weld spatter and blending tool / mill marks, rust removal

**STAINLESS** Stainless steel, high tensile steel

**METAL** Ferrous and/or non-ferrous materials

**WOOD** Fiberglass

### Maroon

- General purpose
- Excellent for light deburring, blending scratch patterns, removing coatings/adhesives

**STAINLESS** Stainless steel, high tensile steel

**METAL** Ferrous and/or non-ferrous materials

**WOOD** Fiberglass

### Blue

- Very fine
- Excellent for cosmetic grain finishing, polishing welds, and reducing grinding marks

**STAINLESS** Stainless steel, high tensile steel

**METAL** Ferrous and/or non-ferrous materials

**WOOD** Fiberglass

A variety of 1/4" shank, 5/16-24 and 5/8-11 backing pads are available for use on drills, dual action/random orbital sanders, and right angle grinders/sanders. See page 145

SAIT-LOK™ & SAIT-LOK-R™ discs available in 1-1/2" - 3" on page 121

Size	Grade	Color	Part No.	Qty Per Box
4"	Coarse	Brown	77116	10
	Medium	Maroon	77117	10
	Very Fine	Blue	77115	10
4-1/2"	Coarse	Brown	77118	10
	Medium	Maroon	77120	10
	Very Fine	Blue	77122	10
5"	Coarse	Brown	77124	10
	Medium	Maroon	77126	10
	Very Fine	Blue	77128	10
6"	Coarse	Brown	77130	10
	Medium	Maroon	77132	10
	Very Fine	Blue	77134	10
7"	Coarse	Brown	77136	10
	Medium	Maroon	77138	10
	Very Fine	Blue	77140	10
8"	Coarse	Brown	77142	10
	Very Fine	Blue	77146	10

## Tech INFO

- Hook and loop fastening system allows for quick changes and less downtime
- Non-woven synthetic fiber impregnated with abrasive grain for surface conditioning without damage to or removal of base material. Resists loading and heat build-up
- Used in a wide variety of applications including cleaning, polishing, blending, and deburring
- Resilient shape and performance characteristics for contour and radius applications
- Box label UPC bar coded for easy identification and inventory maintenance

NON-WOVEN ABRASIVES

NON-WOVEN

# NON-WOVEN

## Light Blending & Final Finishing

# Sand-Light™ Discs



Disc Sander



Portable Grinder



Bench Grinder

## Sand-Light™ Blending Discs

- For minor finishing and blending applications
- Less aggressive cutting than traditional surface conditioning discs
- Great for final finishing prior to buffing with compounds

**ALUMINUM** Aluminum

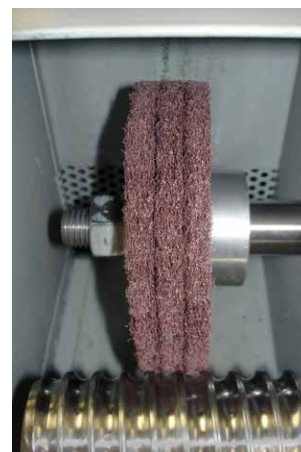
**STAINLESS** Stainless steel

**METAL** Ferrous and non-ferrous materials

Available in SAIT-LOK™, Hook and Loop, and arbor hole discs

### Packaging

SAIT-LOK™	2"	50/box
	3"	25/box
Hook and Loop		10/box
Arbor Hole		10/box



Size	Grade	Arbor Hole Part No.	Qty Per Box
6 x 1/2	Medium	77162	10
	Very Fine	77165	10
8 x 1/2	Medium	77182	10
	Very Fine	77185	10

## Medium

- General purpose
- Excellent for blending surface imperfections, coated abrasive burrs

**ALUMINUM** Aluminum

**STAINLESS** Stainless steel

**METAL** Ferrous and non-ferrous materials



## Very Fine

- Excellent for blending surface imperfections, final finishing, and preparation prior to coating

**ALUMINUM** Aluminum

**STAINLESS** Stainless steel

**METAL** Ferrous and non-ferrous materials

See page 145 for backing pads

Size	Grade	SAIT-LOK™ Part No.	Qty Per Box
2" Thick	Medium	77672	50
	Very Fine	77675	50
3" Thick	Medium	77682	25
	Very Fine	77685	25

Size	Grade	Hook & Loop Part No.	Qty Per Box
5" Thick	Medium	77382	10
	Very Fine	77385	10
6" Thick	Medium	77392	10
	Very Fine	77395	10



- Use the Medium grade for light finishing after using surface conditioning discs
- Use the Very Fine grade followed by the SAIT Buffing Discs and compounds for a near mirror finish
- Use the slowest speed possible for optimum results

NON-WOVEN  
ABRASIVES

NON-WOVEN



# Flap Brushes

# NON-WOVEN



Pedestal Grinder

## Flap Brushes

- Capable of conforming to concave, flat, and irregular surfaces
- Creates matte and satin finishes without lines on work piece
- Excellent for blending, cleaning welds, and removing corrosion, rust, or scaling
- **Excellent for grain, antique, and satin finishes, finishing aluminum extrusions, and applying an inline brushed finish on aluminum and stainless steel**

**ALUMINUM** Aluminum, brass

**STAINLESS** Stainless steel



Size	Grade	Max RPM	Part No.	Qty Per Box
6 x 1 x 2	Medium	3,400	77325	3
	Very Fine	3,400	77327	3
8 x 1 x 3	Medium	3,200	77330	3
	Very Fine	3,200	77332	3

See page 148 for mounting flanges and reducing bushings

**Tech  
INFO**

- Flexible, consistent face for ease of use
- Cool, smooth running for less operator fatigue
- Non-woven synthetic fiber impregnated with abrasive grain for surface conditioning without damage to or removal of base material. Resists loading and heat build-up



Die Grinder

## Flap Wheels

- Capable of conforming to concave, flat, and irregular surfaces
- Creates matte and satin finishes without lines on work piece
- Excellent for blending, cleaning welds, and removing corrosion, rust, or scaling
- **Excellent for grain, antique, and satin finishes, finishing aluminum extrusions, and applying an inline brushed finish on aluminum and stainless steel**

**ALUMINUM** Aluminum, brass

**STAINLESS** Stainless steel



Size	Grade	Max RPM	Part No.	Qty Per Box
1 x 1 x 1/4	Coarse	20,000	77780	10
	Medium	20,000	77781	10
	Fine	20,000	77782	10
2 x 1 x 1/4	Coarse	15,000	77785	10
	Medium	15,000	77786	10
	Fine	15,000	77787	10
3 x 1 x 1/4	Coarse	8,600	77790	10
	Medium	8,600	77791	10
	Fine	8,600	77792	10
3 x 2 x 1/4	Coarse	8,600	77805	5
	Medium	8,600	77806	5
	Fine	8,600	77807	5

## Interleaf Wheels

### Medium Grade

- Medium surface conditioning material with either 60 or 80 grit coated abrasive material
- **Excellent for removing heavy oxidation, blending, cleaning, and deburring**

**ALUMINUM** Aluminum

**STAINLESS** Stainless steel

**METAL** Ferrous and non-ferrous materials

**WOOD** Fiberglass



### Very Fine Grade

- Very fine surface conditioning material with either 120 or 180 grit coated abrasive material
- **Excellent for grain finishing, satin finishing, and linear scratch patterns**

**ALUMINUM** Aluminum

**STAINLESS** Stainless steel

**METAL** Ferrous and non-ferrous materials

**WOOD** Fiberglass

Size	Grit	Grade	Max RPM	Part No.	Qty Per Box
1 x 1 x 1/4	60	Medium	20,000	77700	10
	80	Medium	20,000	77702	10
	120	Very Fine	20,000	77704	10
	180	Very Fine	20,000	77706	10
2 x 1 x 1/4	60	Medium	15,000	77710	10
	80	Medium	15,000	77712	10
	120	Very Fine	15,000	77714	10
	180	Very Fine	15,000	77716	10
3 x 1 x 1/4	60	Medium	8,600	77730	10
	80	Medium	8,600	77732	10
	120	Very Fine	8,600	77734	10
	180	Very Fine	8,600	77736	10
3 x 2 x 1/4	60	Medium	8,600	77750	5
	80	Medium	8,600	77752	5
	120	Very Fine	8,600	77754	5
	180	Very Fine	8,600	77756	5



- Interleaf flap wheels are constructed with alternating flaps of surface conditioning material and coated abrasive material for a high cut rate and a uniform scratch pattern. Provides blending action while leaving final finish on work piece
- Smear-resistant non-woven material for clean, smear-proof work surfaces
- Interleaf design makes product more aggressive than SAIT non-woven flap brushes and less aggressive than SAIT coated abrasive flap wheels



# Flap Discs



Angle Grinder

# NON-WOVEN



## SAI TGF GRIND & FINISH



- Combines coated and non-woven abrasives which allows you to "Grind & Finish" with one product reducing time and labor
- Cushioned grinding effect allows for effortless blending and finishing of contoured work pieces
- Aluminum oxide specifications available in coarse, medium, and very fine
- Ceramic specification (High Performance) available in 40 grit and 60 grit - provides exceptionally long life

### METAL

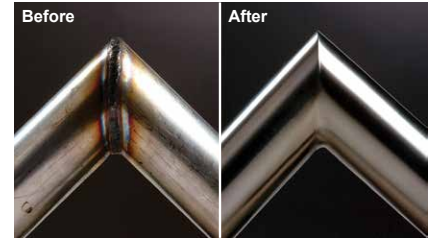
Ferrous and/or non-ferrous metals

### STAINLESS

Stainless steel, high tensile steel, titanium

### — Applications —

- Ideal for cleaning of weld spatter and light deburring operations
- Operate at lower speeds for optimum performance:  
Optimal RPMs  
4-1/2": 4,000 RPM | 5": 3,500 RPM



Allows you to grind down weld seams and provide a flawless finish in one single operation

State-of-the-art abrasive cloth for the quick, cool & controlled removal of material

Surface conditioning flaps ensure an even finish at low pressure

Size	Grade	Grit	Coated Abrasive Mat'l	Part No.	Qty Per Box
4-1/2" x 7/8"	Coarse	60	A/O	77720	10
	Medium	80	A/O	77721	10
	Very Fine	150	A/O	77723	10
5" x 7/8"	Coarse	40	Ceramic	77760	10
	Coarse	60	Ceramic	77761	10
	Coarse	60	A/O	77725	10
	Medium	80	A/O	77726	10
	Very Fine	150	A/O	77728	10
	Coarse	40	Ceramic	77766	10
	Coarse	60	Ceramic	77767	10

### Max RPM's

4-1/2" 13,300  
5" 12,200

### Optimal RPM's

4-1/2" 4,000  
5" 3,500



- 10pcs / canister (box)
- Product and features prominently displayed on canister

NON-WOVEN ABRASIVES

NON-WOVEN



## Sand-Light™ Flap Discs

- Non-woven material – layered flaps create a thick, cushioned design which provides a nice finish
- Designed for surface preparation, cleaning, and finishing applications

### METAL

Ferrous metals

### STAINLESS

Stainless steel, high tensile steel

### ALUMINUM

Non-ferrous metals

Size	Grade	Color	Part No.	Qty Per Box
4-1/2" x 7/8"	Coarse	Brown	71980	5
	Medium	Maroon	71982	5
	Very Fine	Blue	71984	5
5" x 7/8"	Coarse	Brown	71990	5
	Medium	Maroon	71992	5
	Very Fine	Blue	71994	5

### RPM's

4-1/2" 13,300  
5" 12,200





Angle Grinder



Die Grinder

## Unitized Wheels

### Series 524 - Soft Density, Medium Grade, Silicon Carbide Grain

- General purpose cleaning, finishing and polishing

### Series 532 - Soft Density, Fine Grade, Silicon Carbide Grain

- Requires light pressure for fine finishing and polishing
- Highly conformable material
- Provides clean, bright surface on stainless steel
- Finer finish than the 524 series

### Series 632 - Medium Density, Fine Grade, Silicon Carbide Grain

- Requires light pressure for fine finishing and polishing
- Highly conformable material
- Provides clean bright stainless steel finishes, blends tool marks, and removes slight surface imperfections

### Series 731 - Medium Density, Fine Grade, Aluminum Oxide Grain

- Light pressure for blending and finishing
- High edge durability
- High degree of stock removal, while maintaining bright finish
- Smaller contact area than the 632 series

### Series 811 - Hard Density, Coarse Grade, Aluminum Oxide Grain

- Highest stock removal and edge breaking capability
- Most aggressive for deburring

### Series 821 - Hard Density, Medium Grade, Aluminum Oxide Grain

- Provides high stock removal, long life and productivity
- Very durable on edge

**STAINLESS** Stainless steel, high tensile steel

**ALUMINUM** Aluminum

**METAL** Ferrous and/or non-ferrous metals

## Unitized Type 27 Wheels

Go from a coarse grind finish to a near mirror finish with the Unitized Wheel



Size	Series	Grain	Density	Grade	Max RPM	Part No.	Qty Per Box
4-1/2" x 7/8"	524	S/C	Soft	Medium	10,000	77875	4
	732	S/C	Medium	Fine	10,000	77880	4
	811	A/O	Hard	Coarse	10,000	77885	4
	821	A/O	Hard	Medium	10,000	77890	4

## Unitized Wheels

Size	Series	Grain	Density	Grade	Max RPM	Part No.	Qty Per Box	Mandrel Part No.
1 x 1 x 3/16	821	A/O	Hard	Medium	30,000	77830	10	95240
3 x 1/2 x 1/4	821	A/O	Hard	Medium	18,000	77835	10	95002
3 x 1/4 x 1/4	524	S/C	Soft	Medium	18,000	77840	10	95002
3 x 1/4 x 1/4	532	S/C	Soft	Fine	18,000	77845	10	95002
3 x 1/4 x 1/4	632	S/C	Medium	Fine	18,000	77850	10	95002
3 x 1/4 x 1/4	731	A/O	Medium	Fine	18,000	77855	10	95002
3 x 1/4 x 1/4	811	A/O	Hard	Coarse	18,000	77860	10	95002
3 x 1/4 x 1/4	821	A/O	Hard	Medium	18,000	77865	10	95002



- Constructed by bonding and compressing layers of non-woven material
- Hot pressed to form a solid block from which wheels are cut





Bench Grinder

## Deburring 8SF-Medium Density

- Excellent starting point for general purpose deburring, blending, and weld polishing
- Silicon carbide grain for fast cut rate and finest finish
- Comparable to competitive 8SF products

**METAL** Ferrous and non-ferrous materials

**ALUMINUM** Aluminum

**STAINLESS** Stainless steel, high tensile materials

## Deburring 9SF-Hard Density

- Excellent for aggressive deburring, blending
- Silicon carbide grain for fast cut rate and finest finish
- Comparable to competitive 9SF products

**METAL** Ferrous and non-ferrous materials

**ALUMINUM** Aluminum

**STAINLESS** Stainless steel, high tensile materials



**NOTE:** Wheels must be run in the direction of the arrow as indicated on the wheel.

Size	Spec.	Density	Grain	Grade	Max RPM	Part No.	Qty Per Box
6 x 1/2 x 1	9SF	Hard	Silicon Carbide	Fine	6,000	77810	4
6 x 1 x 1	8SF	Medium	Silicon Carbide	Fine	6,000	77815	3
6 x 1 x 1	9SF	Hard	Silicon Carbide	Fine	6,000	77820	3
8 x 1 x 3	9SF	Hard	Silicon Carbide	Fine	4,500	77825	3



See page 148 for mounting flanges and reducing bushings



Tech  
INFO

- Convolute wheels are constructed by wrapping non-woven nylon, impregnated with abrasive grains, around a hard core to form a homogenous wheel
- Dense, non-woven construction for long lasting wear and high edge durability
- Smooth running for less operator fatigue
- Non-metallic for no workpiece contamination
- Smear-resistant formulation to greatly reduce the possibility of smearing
- Provides best durability, stock removal, and finest finish for increased productivity

NON-WOVEN  
ABRASIVES

NON-WOVEN



# NON-WOVEN

# Sait-Strip™



## SAIT-Strip™

- Fast, safe removal of surface contaminants
- Available in SAIT-LOK™, SAIT-LOK-R™, Type 27, and spindle mounted wheels
- Excellent for cleaning welds, removing corrosion, rust, scaling, and blending
- Great for removing paints, varnishes and sealants from difficult to reach surfaces

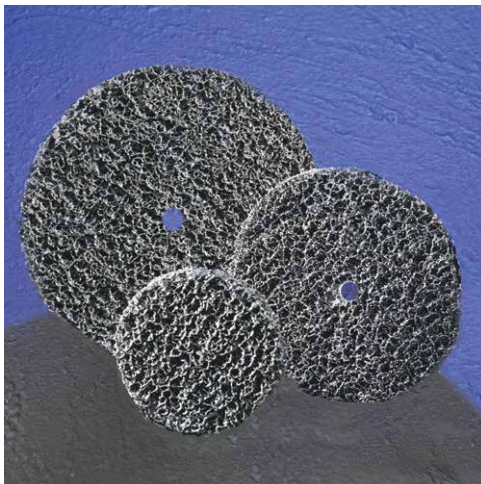
**METAL** Ferrous and/or non-ferrous metals

**STAINLESS** Stainless steel, high tensile steel



## SAIT-Strip™ Type 27

Size			Max RPM	Part Number	Qty Per Box
Dia.	Width	Bore			
4-1/2	1/2	7/8	10,000	77230	4



## SAIT-Strip™ Arbor Hole Discs

- Fast, safe removal of surface contaminants

**METAL** Ferrous and/or non-ferrous metals

**STAINLESS** Stainless steel, high tensile steel

Size			Max RPM	Part Number	Qty Per Box
Dia.	Width	Bore			
4	1/2	1/4	6,000	77270	10
6	1/2	1/2	4,000	77275	5
8	1/2	1/2	3,000	77280	5



## SAIT-Strip™ Discs

Size	Max RPM	SAIT-LOK™ Part No.	SAIT-LOK-R™ Part No.	Qty Per Box
2"	12,000	77250	77350	25
3"	8,500	77255	77355	10

NON-WOVEN  
ABRASIVES

NON-WOVEN

## Tech INFO

- Constructed of large nylon filament, providing an open, non-loading surface
- Utilizes coarse silicon carbide grain for rapid removal of surface contaminants, while producing fine finishes



# Buffing Discs

# NON-WOVEN



Disc Sander Angle Grinder Portable Grinder

## Buffing Discs

- Premium quality buffing material
- Designed for final cosmetic finishing
- Available in hook and loop and SAIT-LOK-R™

**STAINLESS** Stainless steel and other high tensile alloys

**ALUMINUM** Aluminum, brass and other non-ferrous metals



Size	SAIT-LOK-R™ Part No.	Hook & Loop Part No.	Qty Per Box
2"	41012	-	50
3"	41013	-	25
5"	-	41055	10
7"	-	41057	10

See page 145 and 148 for backing pads

## Compound Kit

The compound kit contains the following:

**Brown Bar:** Used for buffing aluminum, brass, copper, wood, plastics, hard rubber, and painted surfaces. Also called tripoli rouge.

**White Bar:** Used for buffing stainless steel, carbon steel, nickel, aluminum, and chromium to a high luster shine.

**Red Bar:** For buffing precious metals like gold, silver, platinum, sterling, and other high-end metals. Can also be used to further enhance materials that have already been buffed with other compounds. The finest grade.

**Black Bar:** Used to buff contaminants out prior to finishing. Will remove rust, stains, scale, and other contaminants. An extremely fast cutting material. Also called emery cake.

Individual bars are also available.



Description	Part No.	Qty Per Box
Buffing Compound Kit	41000	1
Brown Bar	41024	1
White Bar	41022	1
Red Bar	41020	1
Black Bar	41026	1

# Tech INFO

- To achieve the best finish possible, use with the soft backing pads (part numbers 95255 & 95257) and the compound kit (part number 41000)
- In general, a slower speed achieves a better finish and reduces heat
- For use on right angle grinder, D/A (dual action) sanders, and right angle air grinders

# WIRE BRUSHES



United Abrasives' brushes consist of only the highest grade industrial tempered wire and state-of-the-art construction, designed for off-hand equipment. The various styles cover a multitude of applications.



## Features and Benefits

Brushes are available in a variety of wire types. The proper brush for the application should be selected based on the characteristics of the brush, including wire type. All BlueLine™ packaging is one piece per package.

**Knot wire brushes** provide high impact action and offer low to medium flexibility through the use of twisted wire tufts for heavy duty applications, such as weld cleaning. Knot wire brushes are available in 2 knot configurations.



Flag at end of wire tuft provides additional brush flexibility for irregular surface preparation.



Extremely narrow tufted face is ideal for bead weld preparation.

**Crimped wire brushes** are general purpose brushes that provide higher flexibility and cleaning action through the use of flexible wire points. They offer a wider work face than knot style and are ideal for light applications such as rust or paint removal.



Flexible wire points provide cleaning action for light applications.

## Wire Size Specifications

The thickness of brush wire will impact the end result of the workpiece. Fine wire such as .008 will produce a finer finish and will yield a longer brush life. Thicker wires, such as .014 and .020 or higher, will be more aggressive and will decrease production times.

## Brush Fill Materials

**Carbon** steel, the most durable, high strength fill material available for general purpose cleaning applications, is suitable for light to heavy duty cleaning depending on the wire diameter.

**Stainless Steel** fill material is suitable on metals such as aluminum and stainless steel when corrosion resistance and non-contaminant brushing actions are desired.

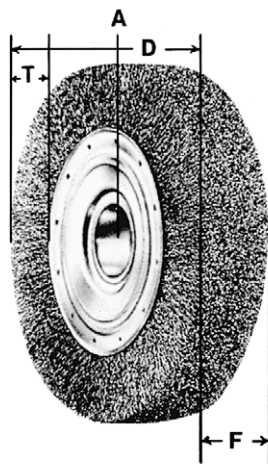
WIRE  
BRUSHES

BRUSHES



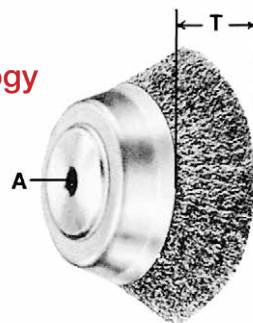


# WIRE BRUSHES



## Common Brush Terminology

- A = Arbor Hole
- D = Brush Diameter
- F = Face Width
- T = Trim Length



## Application Information

- Always check warning labels for safety information
- Always follow safety guidelines included with each brush package
- Proper application of wire brushes is for the removal of various surface contaminants, not the removal of the base stock material
- The power tool determines the size and speed of the brush to be used
- Check the R.P.M. rating of the tool to verify that it does not exceed the Maximum Safe Free Speed (M.S.F.S.) of the brush
- The slowest speed that will do the job is the most efficient use of the brush. Running at the M.S.F.S. is not necessarily the most efficient speed
- The tool shaft must match the arbor hole of the brush
- The tips of wire at the end of the brush do the work. Excessive pressure will cause premature wire breakage, reduced brush life, increased heat build-up and rapid dulling

## Power Brush Safety Requirements

1. **Safety Goggles:** Safety goggles, or full face shields worn over safety glasses with side shields, **MUST BE WORN** by all OPERATORS and OTHERS IN THE AREA OF POWER BRUSH OPERATIONS. Comply with the requirements of ANSI Z87.1 ("Occupational Eye and Face Protection").
2. **Guards:** Keep all machine guards in place.
3. **Speeds:** Observe all speed restrictions indicated on the brushes, containers, labels, or printed in pertinent literature. "MSFS" or "MAX.SFS" means Maximum Safe Free Speed (R.P.M.) - spinning free with no work applied. For reasons of safety, the "MSFS/MAX.SFS" should not be exceeded under any circumstances.
4. **Safety Standard:** Comply with the safety standards of the American National Standards Institute, ANSI B165.1 and ANSI B165.2 - "Safety Requirements - Power Brushes."
5. **Protective Equipment:** Appropriate protective clothing and equipment (such as full face shield, gloves, respirator, etc.) must be used where a possibility of injury exists that can be prevented by such equipment.
6. **Before starting brush:** Use eye protection and safety equipment. Inspect brush for rust, damage, speed limit, etc. If no-load speed marked on the power tool is higher than the brush speed limit, do not mount brush. Inspect and jog machine to assure the brush is mounted properly and securely, machine guards are in place, no vibration, etc. Run machine at operating speed for at least one minute before applying work. **DO NOT STAND IN FRONT OF OR IN LINE WITH BRUSH.**

*All United Abrasives brushes comply with the standards of the American Brush Manufacturers' Association, the American National Standards Institute, and the Canadian Standard Association Safety Code.*

[www.UnitedAbrasives.com](http://www.UnitedAbrasives.com)

# BRUSHES

## Bench/Large Cup



Bench Grinder



Angle Grinder

### Bench Wire Wheels

- Dense, compact crimped steel wire brush face
- **May be stacked to achieve wider work face**
- Primary application: For general scale removal, cleaning and surface preparation
- Standard 2" arbor, with adaptor to listed arbor
- Includes bushing pairs to adapt to variety of arbors

#### Additional arbors available

Part No.	Size
95201	2 x 1/2
95203	2 x 5/8
95204	2 x 3/4
95206	2 x 1
95207	2 x 1-1/4

\*\*\*\* not available for part number 09558 and 09555



Size			Face Width	Trim Length	Max RPM	INDUSTRIAL		BLUE LINE™ Part No.
Dia.	Wire	Arbor				Part No.	Std Pkg	
6	.014	5/8, 1/2	Wide	1-1/16"	6,000	09557	1	06557
6	.014	5/8, 1/2	Narrow	1-3/16"	6,000	09558****	1	06558
6	.008	5/8, 1/2	Narrow	1-1/16"	6,000	09555****	1	06555
7	.014	5/8	Wide	1-9/16"	6,000	09559	1	06559
8	.014	5/8	Wide	1-1/2"	4,000	01411	1	06556
10	.014	3/4	Wide	2"	3,600	09560	1	-

Note: Wide 1"  
Narrow 1/2"

#### Packaging

Standard industrial packaging or Blue Line™ point of sale display packaging

### Large Cup Brushes

- Available in the following wire types:
  - Knot wire for low to medium flexibility and aggressive cutting action
  - Crimped wire which has higher flexibility for light cleaning and removal, especially on irregular surfaces
- Primary application: **For fast cleaning of large surfaces**

#### Knot Wire - nut inside

Size			Rows	Trim Length	Max RPM	INDUSTRIAL		BLUE LINE™ Part No.
Dia.	Wire	Arbor				Part No.	Std Pkg	
4	.020	5/8-11	1	1-3/8"	9,000	03407**	1	06407
4	.020	5/8-11	1	Stainless*	9,000	03406***	1	06406
6	.020	5/8-11	1	1-3/4"	6,600	03409***	1	06409
6	.035	5/8-11	1	1-3/4"	6,600	03410***	1	06410
6	.020	5/8-11	2	1-3/4"	6,000	03411***	1	06411
6	.035	5/8-11	2	1-3/4"	6,000	03412***	1	06412
6	.020	5/8-11	1	Stainless*	6,600	03413***	1	-

#### Crimped Wire - nut inside

4	.020	5/8-11	-	1-1/8"	9,000	09551	1	06551
5	.020	5/8-11	-	1-1/2"	8,000	09552	1	-
5	.020	5/8-11	Stainless*	1-1/2"	8,000	09554	1	06554
6	.020	5/8-11	-	1-1/2"	6,600	09553	1	06553



#### Packaging

Standard industrial packaging or Blue Line™ point of sale display packaging

\* 302 stainless steel wire used

\*\* nut on outside

\*\*\*nut on outside in Canada only

WIRE BRUSHES

BRUSHES



# Small Cup



Angle Grinder

# BRUSHES

## Small Cup Brushes

- For use on small grinders
- Available in the following wire types:
  - Knot wire for low to medium flexibility and aggressive cutting action
  - Crimped carbon steel wire for light cleaning and where greater flexibility is required
  - Stainless steel knot wire for use on stainless, aluminum, and high strength alloys
- Variety of threaded arbors available

### Packaging

Standard industrial packaging or Blue Line™ point of sale display packaging

\*302 stainless steel wire used



Size			Wire Style	Matl Type	Max RPM	INDUSTRIAL		BLUE LINE™
Dia.	Wire	Arbor				Part No.	Std Pkg	Part No.
2-3/4	.014	5/8-11	Knot	Carbon	14,000	03414	6	06414
2-3/4	.014	M14 x 2.0	Knot	Carbon	14,000	03415	6	06415
2-3/4	.014	M10 x 1.25	Knot	Carbon	14,000	03416	6	06416
2-3/4	.014	M10 x 1.5	Knot	Carbon	14,000	03417	6	06417
2-3/4	.014	1/2-13	Knot	Carbon	14,000	03418	6	06418
2-3/4	.020	5/8-11	Knot	Carbon	14,000	03501	6	06501
2-3/4	.020	M14 x 2.0	Knot	Carbon	14,000	03502	6	-
2-3/4	.020	M10 x 1.25	Knot	Carbon	14,000	03503	6	06503
2-3/4	.020	M10 x 1.5	Knot	Carbon	14,000	03504	6	06504
2-3/4	.020	1/2-13	Knot	Carbon	14,000	03505	6	06505
2-3/4	.014	5/8-11	Knot	Stainless*	14,000	03419	6	06419
2-3/4	.014	M14 x 2.0	Knot	Stainless*	14,000	03423	6	-
2-3/4	.014	M10 x 1.25	Knot	Stainless*	14,000	03422	6	-
2-3/4	.014	1/2-13	Knot	Stainless*	14,000	03420	6	-
2-3/4	.020	5/8-11	Knot	Stainless*	14,000	03506	6	06506
2-3/4	.020	M14 x 2.0	Knot	Stainless*	14,000	03507	6	-
2-3/4	.020	M10 x 1.25	Knot	Stainless*	14,000	03508	6	-
2-3/4	.020	1/2-13	Knot	Stainless*	14,000	03510	6	-
2-3/4	.014	5/8-11	Crimped	Carbon	14,000	01401	6	06401
2-3/4	.014	M14 x 2.0	Crimped	Carbon	14,000	01405	6	06405
2-3/4	.014	M10 x 1.25	Crimped	Carbon	14,000	01404	6	06404
2-3/4	.014	M10 x 1.5	Crimped	Carbon	14,000	01403	6	06403
2-3/4	.014	1/2-13	Crimped	Carbon	14,000	01402	6	06402
2-3/4	.014	5/8-11	Crimped	Stainless*	14,000	01408	6	06408
3-1/2	.020	5/8-11	Knot	Carbon	12,500	03511	1	06511
3-1/2	.020	5/8-11	Knot	Stainless*	12,500	03512	1	06512
3-1/2	.014	5/8-11	Crimped	Carbon	12,500	03513	1	06513
3-1/2	.014	5/8-11	Crimped	Stainless*	12,500	03514	1	06514

WIRE  
BRUSHES

BRUSHES



Angle Grinder



## Knot & Crimped Wire Wheels

- For use on small grinders
- Available in the following wire types:
  - Regular twist covers more surface area in a single pass
  - Stringer bead twist is excellent for welds, flux removal and where a narrow work face is required
  - Crimped carbon steel wire provides flexibility and a wider work face than knot style
  - Stainless steel wire for use on stainless, aluminum, and high strength alloys
- Variety of threaded arbors available

### Packaging

Standard industrial packaging or Blue Line™ point of sale display packaging

\*302 stainless steel wire used

### Regular Twist

Size			Matl Type	Max RPM	INDUSTRIAL		BLUE LINE™
Dia.	Wire	Arbor			Part No.	Std Pkg	Part No.
4	.014	5/8-11	Carbon	20,000	03426	6	06426
4	.014	M14 x 2.0	Carbon	20,000	03427	6	-
4	.014	M10 x 1.25	Carbon	20,000	03428	6	06428
4	.014	M10 x 1.5	Carbon	20,000	03429	6	-
4	.014	1/2-13	Carbon	20,000	03430	6	06430
4	.020	5/8-11	Carbon	20,000	03460	6	06460
4	.014	5/8-11	Stainless*	20,000	03431	6	06431
4	.014	M14 x 2.0	Stainless*	20,000	03435	6	-
4	.014	M10 x 1.25	Stainless*	20,000	03434	6	-
4	.014	M10 x 1.5	Stainless*	20,000	03433	6	-
4	.020	5/8-11	Stainless*	20,000	03461	6	06461
6	.025	5/8-11	Carbon	9,000	03385	3	06385

### Stringer Bead / Pipeline

4	.020	5/8-11	Carbon	20,000	03440	6	06440
4	.020	M14 x 2.0	Carbon	20,000	03441	6	06441
4	.020	M10 x 1.25	Carbon	20,000	03442	6	-
4	.020	1/2-13	Carbon	20,000	03444	6	-
4	.020	5/8-11	Stainless*	20,000	03445	6	06445
4	.020	M10 x 1.25	Stainless*	20,000	03447	6	-
4	.020	1/2-13	Stainless*	20,000	03449	6	-
5	.020	5/8-11	SB-Carbon	12,000	03380	6	06380
5	.020	M14 x 2.0	SB-Carbon	12,000	03381	6	-
5	.020	5/8-11	SB-Stainless*	12,000	03382	6	06382
6	.020	5/8-11	SB-Stainless*	12,000	03383	6	06383
6	.020	5/8-11	SB-Carbon	12,000	03384	6	06384
6-1/2	020	5/8-11	SB-Stainless*	9,000	03389	6	06389
6-1/2	020	5/8-11	SB-Carbon	9,000	03391	6	06391

### Crimped

4	.014	5/8-11	Carbon	12,500	03450	6	06450
4	.014	M14 x 2.0	Carbon	12,500	03451	6	-
4	.014	M10 x 1.25	Carbon	12,500	03452	6	06452
4	.014	1/2-13	Carbon	12,500	03454	6	06454



# Wire Wheels



Angle Grinder

# BRUSHES



## Packaging

Standard industrial packaging or Blue Line™ point of sale display packaging

\*302 stainless steel wire used

## Knot Wire Wheels

- Can be used on portable power tools
- Available in the following wire types:
  - Knot wire for low to medium flexibility and aggressive cutting action
  - Stainless steel wire for use on stainless, aluminum, and high strength alloys
- Primary application: **Cleaning, deburring, and scale removal**

Size			Matl Type	Max RPM	INDUSTRIAL		BLUE LINE™
Dia.	Wire	Arbor			Part No.	Std Pkg	Part No.
3	.014	3/8	Carbon	25,000	03377	4	06377
3	.014	1/2, 3/8	Stainless*	25,000	03376	4	06376
4	.014	1/2	Carbon	20,000	03378	4	06378
5	.020	5/8-11	Carbon	12,000	03373	1	06373
5	.020	5/8-11	Stainless*	12,000	03374	1	06374
6	.020	5/8, 1/2	Carbon	9,000	03386	1	06386
6	.020	5/8-11	Carbon	9,000	03388	1	06388
6	.016	5/8, 1/2	Stainless*	9,000	03387	1	06387



## Packaging

Standard industrial packaging or Blue Line™ point of sale display packaging

\*302 stainless steel wire used

## Pipeline Brushes

- Excellent for use in the pipeline industry
- Available in the following wire types:
  - Knot wire provides aggressive action in the removal of bead scale, weld flash, or splatter
  - Regular twist and stringer bead twist for higher impact action
  - Stainless steel wire available in stringer bead twist for use on stainless, aluminum, and high strength alloys
- Primary application: Cleaning, deburring, and scale removal

Size			Matl Type	Max RPM	INDUSTRIAL		BLUE LINE™
Dia.	Wire	Arbor			Part No.	Std Pkg	Part No.
4	.020	5/8-11	Carbon	20,000	03440	6	06440
4	.020	M14 x 2.0	Carbon	20,000	03441	6	06441
4	.020	M10 x 1.25	Carbon	20,000	03442	6	-
4	.020	1/2-13	Carbon	20,000	03444	6	-
4	.020	5/8-11	Stainless*	20,000	03445	6	06445
4	.020	M10 x 1.25	Stainless*	20,000	03447	6	-
4	.020	1/2-13	Stainless*	20,000	03449	6	-
5	.020	5/8-11	SB-Carbon	12,000	03380	6	06380
5	.020	M14 x 2.0	Carbon	12,000	03381	6	-
5	.020	5/8-11	SB-Stainless*	12,000	03382	6	06382
6	.020	5/8-11	SB-Stainless*	12,000	03383	6	06383
6	.020	5/8-11	SB-Carbon	12,000	03384	6	06384
6	.025	5/8-11	Carbon	9,000	03385	6	06385
6-1/2	.020	5/8-11	SB-Stainless*	9,000	03389	6	06389
6-1/2	.020	5/8-11	SB-Carbon	9,000	03391	6	06391

WIRE BRUSHES

BRUSHES

# BRUSHES

# Joint/End Brushes



Die Grinder



Street Saw



## Joint Brushes

- For use on street saws
- Primary application: **Cleaning concrete expansion joints**

### Packaging

1 brush per package

Dia.	Wire Size	Description	Max RPM	Part No.	Std Pkg
12"	.035	Joint Brush 1" Arbor, 7/16 Pinhole	6,000	09570	1

## End Brushes

- For use on portable power tools
- **Excellent for use in cleaning and finishing recessed areas or pipes**
- Available in the following wire types:
  - Knot wire provides aggressive cutting action
  - Circular flared end brush excellent for side cleaning action
  - Crimped wire for high flexibility
- 1/4" shank diameter

### Packaging

Standard industrial packaging or Blue Line™ point of sale display packaging

\*302 stainless steel wire used (Black Shell)



Size	Wire	Wire Style	Trim Length	Overall Length	Max RPM	INDUSTRIAL		BLUE LINE™
						Part No.	Std Pkg	Part No.
1	.020	Knot Type	1	2-5/8	22,000	02701	12	06701
1	.020	Crimped Wire	1	2-5/8	22,000	02709	12	06709
1	.020	SS-Knot*	1	2-5/8	22,000	02704	12	06704
3/4	.014	Crimped Wire	1	2-5/8	22,000	02702	12	06702
3/4	.014	Knot Type	1-1/8	2-5/8	22,000	02703	12	06703
1-1/2	.012	Circ. Flared Crimped	5/16	1-3/4	20,000	02710	12	06710
2-1/2	.014	Circ. Flared	11/16	1-3/4	20,000	02705	12	06705
2	.014	Crimped Wire Wheel	7/16	1-1/4	25,000	02712	12	06712
3	.014	Circ. Flared Crimped*	7/8	1-3/4	25,000	02711	12	06711
3	.014	Crimped Wire Wheel	15/16	1-1/4	25,000	02713	12	06713
3	.014	Crimped Wire Wheel*	15/16	1-1/4	25,000	02714	12	06714



# Scratch/Miscellaneous

# BRUSHES



## Scratch Brushes

- Excellent for light scale removal
- Available in the following wire types:
  - Carbon steel wire for general purpose cleaning
  - Stainless steel wire is carbon free
  - Brass wire for general purpose cleaning
- Primary application: Maintenance cleaning

\*Stainless steel wire used

Size Rows	Wire Size	Type	Part No.	Std Pkg
3 x 19	.014	Curved Handle	05751	12
3 x 19	.014	Curved Handle w/Scraper	05760	12
3 x 19	.012	Curved-Stainless*	05755	12
3 x 14	.014	V-Groove Scratch	05764	12
3 x 14	.012	V-Groove Scratch-Stainless*	05765	12
4 x 16	.014	Shoe Handle	05753	12
4 x 16	.014	Shoe Handle w/Scraper	05761	12
4 x 16	.012	Shoe Handle-Stainless*	05763	12
4 x 19	.014	Curved Handle	05752	12
3 x 7	.006	Small Cleaning Brush-Stainless*	05759	12
3 x 7	.006	Small Cleaning Brush w/Plastic Handle-Stainless*	05766	12
3 x 7	.006	Small Cleaning Brush-Brass	05762	12
3 x 7	.006	Small Cleaning Brush w/Plastic Handle-Brass	05768	12
3 x 15	-	Chipping Hammer Brush	05757	12

## Miscellaneous Brushes

### Metal Chip Brush

- Durable, long lasting
- For cleaning metal chips from work surfaces

### Acid Brushes

- Quality horsehair bristles
- Machine trimmed and crimped to specification

### Paint Brushes

- Quality horsehair bristles/Wood handle
- Use for solvents and chemicals

Brush Type	Width	Trim Length	Overall Length	Part No.	Std Pkg
Metal Chip	1-1/4"	1-3/8"	5-5/16"	00510	12 pcs
	3/8"	3/4"	6"	00501	1 gross
Acid Brush	7/16"	7/8"	6-1/2"	00502	1 gross
	9/16"	7/8"	6-1/8"	00503	1 gross
Paint Brush	1/2"	1-1/2"	7"	00511	72 pcs
	1"	1-1/2"	7-1/2"	00512	72 pcs
	1-1/2"	1-1/2"	7-1/2"	00513	72 pcs
	2"	1-1/2"	7-1/2"	00514	72 pcs
Paint Brush	3"	1-1/2"	8"	00515	48 pcs
	4"	2-1/4"	9-1/2"	00516	12 pcs



WIRE BRUSHES

BRUSHES

# BRUSHES

Nylon



Hand Brush



Die Grinder



Bench Grinder



Angle Grinder

## Nylon Abrasive Brushes

- Available in silicon carbide
- Use on steel, aluminum, copper, brass, stainless steel, super alloys, plastics, composites, ceramics, wood, leather



### Large Diameter Wheels

Size		Grit	Face Width	Trim Length	Max RPM	Part No.	Qty Per Box
Dia.	Arbor						
3	5/8	80	1/2	5/8	18,000	04110	1
3	5/8	320	1/2	5/8	18,000	04120	1
4	5/8	120	5/8	3/4	12,000	04130	1
4	5/8	180	5/8	3/4	12,000	04140	1
6	2	120	7/8	1-1/16	6,000	04150	1

### Small Diameter Wheels

Size		Grit	Face Width	Trim Length	Max RPM	Part No.	Qty Per Box
Dia.	Arbor						
1-1/2	1/2	320	1/4	1/4	20,000	04210	4
2-1/2	5/8	120	3/8	11/16	15,000	04230	4
2-1/2	5/8	320	3/8	11/16	15,000	04240	4

### Tube Brushes

Dia.	Grit	Trim Length	Overall Length	Part No.	Qty Per Box
1/2	80	2	5	04270	12
1	80	2-1/2	5-1/2	04275	12
1-1/4	80	2-1/2	5-1/2	04280	12
5/8	120	2	5	04285	12
1	120	2-1/2	5-1/2	04290	12

### Cup Brushes

Size		Grit	Trim Length	Max RPM	Part No.	Qty Per Box
Dia.	Arbor					
4	5/8-11	80	1-1/2	6,000	04310	1
6	5/8-11	80	1-1/2	6,000	04340	1

### End Brushes

Dia.	Grit	Trim Length	Overall Length	Max RPM	Part No.	Qty Per Box
1	120	1	2-3/4	19,000	04380	12
1	80	1	2-3/4	9,000	04390	6



WIRE BRUSHES

BRUSHES





Die Grinder

# BURS

## Tungsten Carbide Burs

United Abrasives offers a complete line of tungsten carbide burs in the most popular shapes and sizes to meet your needs. Choosing the right bur depends on the material to be ground, grinding speed, desired shape and finish requirements. United Abrasives' burs are precision ground with diamond wheels resulting in a concentric tool with very sharp, uniform teeth. This manufacturing method produces the highest quality bur, properly balanced for vibration-free operation and long tool life. Tungsten burs are best suited for efficient material removal at high RPMs. United Abrasives' burs are made in the U.S.A.

### Double Cut (Alternate Cut)



Double cut or alternate cut is the most popular bur in ferrous applications. Manufactured with cuts made on the left and right spirals, this design produces a finer finish on material producing smaller chips and slivers. The double cut offers much smoother operation and greater tool control.

### Non-Ferrous (Aluminum Cut)



Non-ferrous or aluminum cut burs have a more open, aggressive cut to avoid loading on softer materials. This design provides outstanding stock removal on aluminum, magnesium, copper, soft steel, brass, zinc alloys, hard rubber, most plastics, and non-ferrous metals. These burs provide easy chip flow with little or no clogging.



### Features

- Tungsten Carbide construction for long life and precision cutting
- Highest quality construction for proper balance which delivers vibration-free operation
- Double cut provides smooth operation and maximum tool control
- Non-ferrous burs have an open design for non-loading on softer materials

### Applications

- Excellent for confined or hard-to-reach areas
- Use for deburring and finishing on ferrous and non-ferrous metals
- Shaping and enlarging holes in steel
- Removing welds
- Smoothing castings

### MAXIMUM RECOMMENDED RPMs FOR CARBIDE BURS

FILE DIA.	RPM(1)	RPM(2)
1/4"	22,000	33,000
5/16"	20,000	30,000
3/8"	18,000	27,000
1/2"	16,000	24,000

Use RPM(1) for iron, steel welds, cast iron, tool steels, die steels, bronze, brass and aluminum.

Use RPM(2) for stainless steel.

# BURS

## Tungsten Carbide Burs

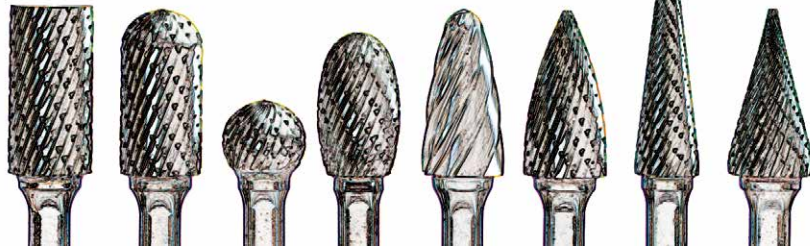


Die Grinder

SB  
(End Cut)



SH



SA SC SD SE SF SG SL SM



Wooden Display Case  
Holds up to 8 burs  
P/N 99046

### Heavy Duty

Type	Burr Size		Shank Dia.	Part Numbers	Qty/Box
	Dia.	Length			
SA5	1/2	1	1/4	45125	1
SC5	1/2	1	1/4	45130	1
SE5	1/2	7/8	1/4	45135	1
SF3	3/8	3/4	1/4	45140	1
SF5	1/2	1	1/4	45145	1
SG5	1/2	1	1/4	45150	1
SL3	3/8	1-1/16	1/4	45155	1
SL4	1/2	1-1/4	1/4	45160	1

### 6" Length Shank

Type	Burr Size		Shank Dia.	Part Numbers	Qty/Box
	Dia.	Length			
SA3L6	3/8	3/4	1/4 6L	45603	1
SA5L6	1/2	1	6L	45605	1
SB1L6	1/4	5/8	6L	45611	1
SB3L6	3/8	3/4	6L	45613	1
SC3L6	3/8	3/4	6L	45623	1
SD1L6	1/4	7/32	6L	45631	1
SD3L6	3/8	5/16	6L	45633	1
SE5L6	1/2	7/8	6L	45645	1
SF3L6	3/8	3/4	6L	45653	1
SF5L6	1/2	1	6L	45655	1
SG3L6	3/8	3/4	6L	45663	1
SG5L6	1/2	1	6L	45665	1
SH2L6	5/16	3/4	6L	45672	1
SL3L6	3/8	1-1/16	6L	45683	1
SM3L6	1/4	1	6L	45693	1
SC3NFL6	3/8	3/4	6L	45063	1
SF3NFL6	3/8	3/4	6L	45073	1
SD3NFL6	3/8	5/16	6L	45083	1

Type	Burr Size		Shank Dia.	Part Numbers	Qty Per Box
	Dia.	Length			
SA1	1/4	5/8	1/4	45000	1
SA3	3/8	3/4	1/4	45001	1
SA5	1/2	1	1/4	45002	1
SB1	1/4	5/8	1/4	45111	1
SB3	3/8	3/4	1/4	45004	1
SB5	1/2	1	1/4	45113	1
SC1	1/4	5/8	1/4	45005	1
SC3	3/8	3/4	1/4	45006	1
SC5	1/2	1	1/4	45007	1
SD1	1/4	7/32	1/4	45010	1
SD3	3/8	5/16	1/4	45011	1
SD5	1/2	7/16	1/4	45012	1
SE1	1/4	3/8	1/4	45015	1
SE5	1/2	7/8	1/4	45016	1
SF1	1/4	5/8	1/4	45020	1
SF3	3/8	3/4	1/4	45021	1
SF5	1/2	1	1/4	45022	1
SH1	1/4	5/8	1/4	45115	1
SH2	5/16	3/4	1/4	45116	1
SH5	1/2	1-1/4	1/4	45117	1
SL1	1/4	5/8	1/4	45025	1
SL3	3/8	1-1/16	1/4	45026	1
SL4	1/2	1-1/4	1/4	45027	1
SG1	1/4	5/8	1/4	45030	1
SG3	3/8	3/4	1/4	45031	1
SG5	1/2	1	1/4	45032	1
SM1	1/4	1/2	1/4	45035	1
SM2	1/4	3/4	1/4	45036	1
SM4	3/8	3/4	1/4	45037	1
SM5	1/2	1	1/4	45038	1

### Double Cut (Alternate Cut)

### Non-ferrous (Aluminum)

SA3NF	3/8	3/4	1/4	45050	1
SA5NF	1/2	1	1/4	45051	1
SC3NF	3/8	3/4	1/4	45052	1
SF3NF	3/8	3/4	1/4	45053	1
SF5NF	1/2	1	1/4	45054	1
SL4NF	1/2	1-1/8	1/4	45055	1



- Tungsten carbide construction for long life and durability
- High quality manufacturing method delivers vibration-free operation
- Precision ground with diamond wheels to produce a very sharp uniform cutting edge
- Each enclosed in individual plastic capsules for storage and protection

CARBIDE  
BURS

BURS



# Accessories

## Backing Pads for Resin Fiber Discs



- Spiralcool™ backing pads' exclusive rubber, fabric, and fiber board construction provide extra strength and reliability
- Spiral ribs provide contact points and form channels for air flow extending disc life 30% to 50%
- Each pad is supplied with a nut as indicated

NOTES: Additional nuts may be purchased separately. This backing pad is not to be used with SAIT-LOK™ quick change fiber discs

Size	Arbor	Grade Available			Max RPM
		Soft	Med	Hard	
4	5/8-11 Thread	-	95010	-	12,000
4-1/2	5/8	-	95011	-	11,000
4-1/2	1/2	-	95012	-	11,000
5	5/8	-	95016	-	10,000
7	5/8-11 Thread	95017	-	-	7,000
7	5/8-11 Thread	-	95018	95019	8,500
9	5/8-11 Thread	-	95021	95022	6,500

## Spanner Wrench



- Adjustable wrench for tightening and loosening center nuts
- Fits all center nuts

Description	Part No
Spanner Wrench	95008

## SAIT-LOK™ Backing Pads for Resin Fiber Discs



- Smooth face backing pad for SAIT-LOK™ fiber disc
- Minimizes change-over downtime
- No additional mounting hardware required
- Each pad is supplied with nut and washers

NOTE: SAIT-LOK™ disc must be used with threaded backing pad

Size	Part No	Max RPM
*4-1/2 x 5/8-11	95023	18,000
4-1/2 x 5/8-11	95025	18,000
*5 x 5/8-11	95024	18,000
5 x 5/8-11	95026	18,000
7 x 5/8-11	95027	8,600
9 x 5/8-11	95028	6,600

\* Low profile for short spindles

## Challenger II™ Backing Pad



- For use with Challenger II flexible grinding/blending wheels (pg. 21)
- Set includes 5/8-11 nut and pad

Description	Part No	Max RPM
Pad for 4-1/2 & 5" Challenger II™	95245	13,300/12,200
Pad for 7" Challenger II™	95247	8,500

# Accessories

## Center Nuts



- For attaching fiber discs to backing pad and tool
- Use small\* for 4", 4-1/2", 5" diameter pads
- Use large\* for 7", 9" diameter pads

Size	Part No
5/8-11 Small*	95040
5/8-11 Large*	95041
1/2-13	95042
M10 x 1.25	95043

## Type 27 Reusable Adaptor Kit



- For use with Type 27 wheels on 7" and 9" 5/8-11 spindle grinders
- Alternative to a throwaway hub

Description	Part No
Reusable Adaptor Kit	95000

## Type 1 (41) & Type 27 (42) Reusable 5/8-11 Adaptor



- Reusable 5/8-11 adaptor for use on Type 1 and Type 27 reinforced wheels with a 7/8 arbor, a max. diameter of 5" and a wheel thickness of .045 to 1/8"

Description	Part No
5/8-11 Reusable Adaptor	95055

## Type 1 (41) Cut-Off Adaptors



- For use with Type 1 Thin High Speed Cut-Off wheels up to 3" diameter only (pg. 46)

Size	Part No
1/4 x 1/4-20	95002
1/4 x 3/8-24	95003

## Type 1 Cut-Off Wheel Reducing Bushings



- For use with Type 1 Cut-Off wheels
- Reduces wheel arbor size

Size	Part No	Size	Part No
1-5/8	95030	7/8-5/8	95034
1-20mm	95031	Dia. -5/8	95035
1-7/8	95032	Dia. -1/2	95036
1-3/4	95033	1/2-3/8	95037



# Accessories

## PSA Backing Pads



- For use with PSA adhesive backed sanding discs (pg. 89-92, 95-97)
- 1/4" Shank pads for die grinders
- Threaded pads for dual action/random orbital sanders and right angle grinders/sanders



Portable Grinder

Size	Part No	Max RPM
1 x 1/4	95059	30,000
1-1/2 x 1/4	95060	30,000
2 x 1/4	95061	28,000
3 x 1/4	95062	20,000
4 x 1/4	95063	16,000
5 x 1/4	95064	12,000



Disc Sander

Size	Part No	Max RPM
5 x 5/16-24	95065	10,000
5 x 5/16-24 5 holes	95085	10,000
6 x 5/16-24	95066	10,000
6 x 5/16-24 6 holes	95086	10,000
8" w/mounting holes	95180	1,500



Angle Grinder

Size	Part No	Max RPM
7 x 5/8-11	95068	4,800
8 x 5/8-11	95067	4,800

## Hook & Loop Backing Pads for Paper Discs



- For use with Hook & Loop backed paper discs (pg. 93-95)
- Available in 5/16-24 thread

Description	Part No	Max RPM
5 x 5/16-24	95047	10,000
5 x 5/16-24 5 holes	95057	10,000
5 x 5/16-24 8 holes	95058	10,000
6 x 5/16-24	95046	10,000
6 x 5/16-24 6 holes	95056	10,000
8" w/ 5 mounting holes	95185	1,500
8 x 5/8-11	95187	1,500

## Palm Hand Sander



- For manual use with PSA (pp. 89-92, 95-97) or Sand-Light™ / Hook & Loop discs (pg. 122)
- For more uniform finish when hand sanding

Size	PSA	Sand-Light™
5"	95091	95081
6"	95092	95082

## Contour Hand Pads



- For manual use with PSA or Hook & Loop discs (pg. 89-97)
- For more uniform finish when hand sanding

Size	PSA	Hook & Loop
6"	95260	95250

## Hook & Loop Soft Interface Pads



- For use with 5" and 6" Hook & Loop Backing Pads
- Excellent for final finishing as the soft foam backing makes the grain cut less and finish finer
- The perfect compliment for the 4S/4V Hook & Loop products (pg. 94)

Description	Part No
5" Soft Interface Hook & Loop Pad	95175
6" Soft Interface Hook & Loop Pad	95176

# Accessories

## Sand-Light™ Surface Conditioning Backing Pads



- For use with Hook & Loop style Sand-Light™ Discs (pg. 122)
- 1/4" shank pads
- Threaded pads for dual action random orbital sanders
- Threaded pads for right angle grinders/sanders



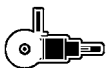
Portable Grinder

Size	Part No	Max RPM
4 x 1/4	95154	15,000
5 x 1/4	95153	10,000



Disc Sander

Size	Part No	Max RPM
4 x 5/16-24	95157	10,000
5 x 5/16-24	95155	10,000
6 x 5/16-24	95156	10,000



Angle Grinder

Size	Part No	Max RPM
4-1/2 x 5/8-11	95159	6,000
5 x 5/8-11	95160	6,000
6 x 5/8-11	95161	6,000
7 x 5/8-11	95162	4,800
8 x 5/8-11	95163	4,800

## Sand-Light™ Handle



- For manual use with Sand-Light™ 6 x 9 hand pads (pg. 119)
- For more uniform finish when hand sanding

Description	Part No
Sand-Light™ Handle	95080

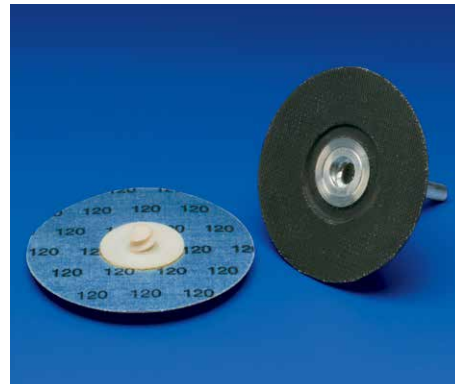
## SAIT-LOK™ Backing Pads for Laminated & Surface Conditioning Discs



- For use with SAIT-LOK™ laminated (pg. 98-100) and surface conditioning discs (pg. 121)
- Disc twists into metal threaded center of backing pad for fast and easy disc changes
- Now available in hard density for aggressive cutting action
- 1/4" shank

Size	Part No	Max RPM	Size	Part No	Max RPM
1" Medium	95165	40,000	1-1/2" Hard	95266	30,000
1-1/2" Medium	95166	25,000	2" Hard	95267	30,000
2" Medium	95167	25,000	3" Hard	95268*	20,000
3" Medium	95168	20,000			

## SAIT-LOK-R™ Backing Pads for Laminated, Surface Conditioning, & Cotton Fiber Discs



- For use with SAIT-LOK-R™ laminated (pg. 98-100), surface conditioning discs (pg. 121), Cotton fiber discs (pg. 31), Encore Mini Flap Discs (pg. 98)
- Nylon threaded hub of disc twists into backing pad for secure fit
- Now available in hard density for aggressive cutting action
- Minimizes change-over time
- 1/4" shank

Size	Part No	Max RPM	Size	Part No	Max RPM
1-1/2" Medium	95171	25,000	1-1/2" Hard	95271	30,000
2" Medium	95172	25,000	2" Hard	95272	30,000
3" Medium	95173	20,000	3" Hard	95273	20,000
4" Medium	95280	12,000			

ACCESSORIES



# Accessories

## Wood Wedges



- For use with Vitrified Bonded Floor Rubs (pg. 32)
- Skin packaged in quantities of 2 per package

Description	Part No
Wood Wedges	95100

## Abrasive Cleaning Stick



- For removing loaded material from sanding belts
- Increases abrasive life
- 100% natural rubber; environmentally safe
- Lasts twice as long as conventional (crepe) belt cleaners and will not cause gummy residue
- Size: 1-5/8" x 1-5/8" x 8"

Description	Part No
Abrasive Cleaning Stick	95083

## SAIT-PAK™ Accessories



- For use with SAIT-PAK™ 9" x 11" Sheets (pg. 105)

Description	Part No
Hand Sanding Block	16000

## 1/4" Shank Threaded Adaptor for Flap Wheels



- For use on United Abrasives 1/4-20 threaded flap wheels
- Facilitates a quick change, thus less downtime

Description	Part No
1/4" Threaded Adaptor	95050

## 1/4" Shank Adaptor Kit for Flap Wheels



- For converting 1" or 5/8" arbors to a 1/4" shank
- 1/4" Shank adaptor kit

Description	Part No
Adaptor Kit	95009

## Cartridge Roll Mandrels



- For use with straight and full taper cartridge rolls on pages 112-113

Size	Part No
1/4 x 1-1/2 x 1/4	95101
1/4 x 1 x 1/4	95102
1/8 x 1-1/2 x 1/4	95103
1/8 x 1 x 1/4	95104
1/8 x 3/4 x 1/4	95105
3/16 x 1-1/2 x 1/4	95106
3/16 x 1 x 1/4	95107
3/32 x 3/4 x 1/8	95108

## Spiral Band Drums



- For use with spiral bands on page 111

Size	Max RPM	Part No
1/2 x 1/2 x 1/4	30,000	95121
1/2 x 1 x 1/4	15,000	95122
1/2 x 1-1/2 x 1/4	12,000	95123
3/4 x 1 x 1/4	19,000	95126
3/4 x 1-1/2 x 1/4	10,000	95127
1 x 1 x 1/4	18,000	95130
1-1/2 x 1 x 1/4	14,000	95133
1-1/2 x 1-1/2 x 1/4	10,000	95134
2 x 2 x 1/4	6,000	95137
3 x 3 x 1/4	3,000	95140

## Cross Pad & Square Pad Mandrels



- For use with cross and square pads on page 114
- 1/4" shank

Size	Part No
3-48	95095
8-32	95096
1/4-20	95097



# Accessories

## Super Soft Buffing Disc Backing Pads



- For use with buffing discs (pg. 130)
- Available in 5" & 7" with 5/8-11 thread

Description	Max RPM	Part No
5" Super Soft Foam Pad	3,200	95255
7" Super Soft Foam Pad	3,200	95257

## Buffing Disc Compounds and Kits

**Brown Bar:** Used for buffing aluminum, brass, copper, wood, plastics, hard rubber, and painted surfaces. Also called tripoli rouge.

**White Bar:** Used for buffing stainless steel, carbon steel, nickel, aluminum, and chromium to a high luster shine.

**Red Bar:** For buffing precious metals like gold, silver, platinum, sterling, and other high end metals. Can also be used to further enhance materials that have already been buffed with other compounds. The finest grade.

**Black Bar:** Used to buff contaminants out prior to finishing. Will remove rust, stains, scale, and other contaminants. An extremely fast cutting material. Also called emery cake.



Description	Part No
Buffing Compound Kit	41000
1 lb Buffing Compound Bar Brown	41024
1 lb Buffing Compound Bar White	41022
1 lb Buffing Compound Bar Red	41020
1 lb Buffing Compound Bar Black	41026

## Convolute Wheel and Non-Woven Flap Brush Reducing Bushings



- Re-usable reducing bushings for use with Convolute Wheels and Flap Brushes
- Packaged per pair

Description	Part No	For Use With:
1" OD to 3/8" ID	95210	6" Diameter Convolute Wheels
1" OD to 3/4" ID	95216	6" Diameter Convolute Wheels
3" OD to 1-1/4" ID	95232	8" Diameter Convolute Wheels and Non-woven Flap Brushes

# PROMOTIONAL LITERATURE



.045 Cut-Off Wheels  
Part #99045



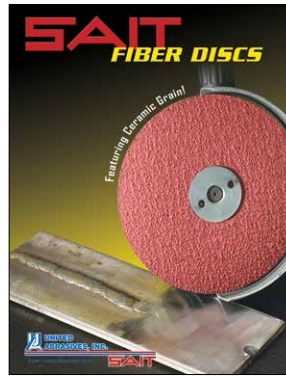
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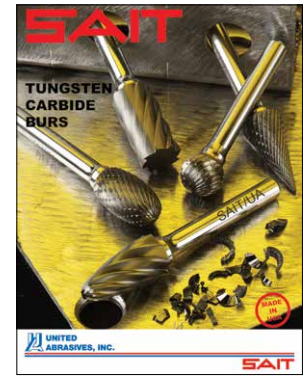
The Ultimate Combo™  
Part #99983



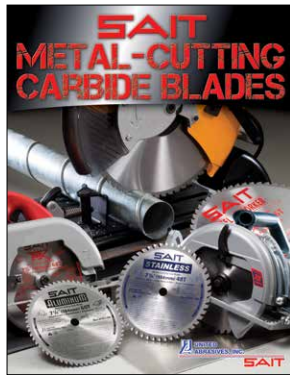
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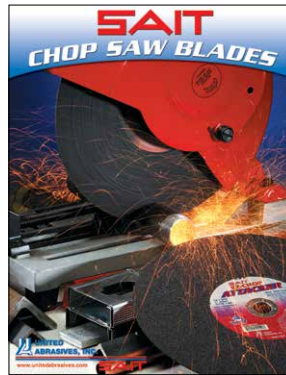
Fiber Discs  
Part #99028



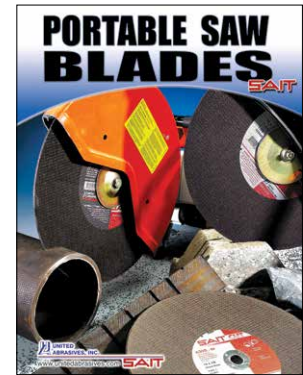
Carbide Burs  
Part #99220



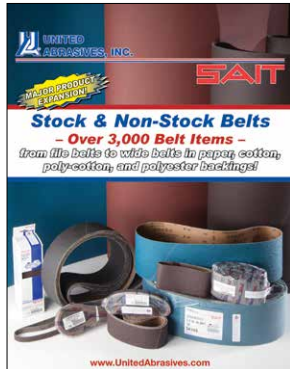
Metal-Cutting Carbide Blades  
Part #99982



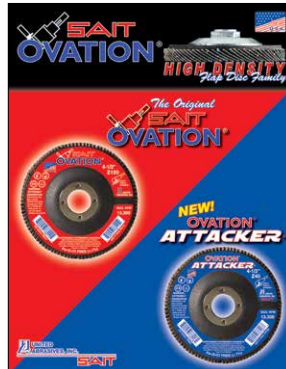
Chop Saw Wheels  
Part #99014



Portable Saw Blades  
Part #99040



Stock & Non-Stock Belts  
Part #99991



Ovation® Family  
Part #99980  
will be phased out once depleted



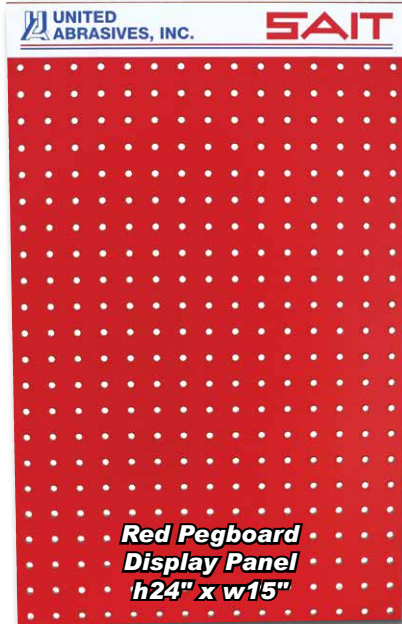
Company Overview  
Part #99981



# POINT OF PURCHASE (P.O.P.) DISPLAY

## 99084 – Red Pegboard Display Panel

- Also included in the box are  
4 tan hangers / spacers



## 99157 – Plastic Display Tag Holders (1 Package)



4 – 3" tags to use with Material Labels

2 – 4" tags to use with Application Labels

\* The 4" tags have an insert that slides into the track on the back in order to be hung on the pegboard display.



Fully Loaded Example



## 99156 – 6" Pegboard Hooks (8 Pack)



Tan Hangers/Spacers

\* 2 of the Hangers/Spacers are to be inserted into the current pegboard or slatwall behind and near the bottom of the new red pegboard display panel to keep it parallel with the wall.



## 99094 – Material Display Tag Labels (1 Sheet)



## 99095 Application Display Tag Labels (1 Sheet)

Order Reference for 1 Complete Red Pegboard Setup		
Part No.	Qty.	Order
99084.....	1.....	_____
99157.....	1.....	_____
99156.....	1.....	_____
99094.....	1.....	_____
99095.....	1.....	_____

## MISCELLANEOUS PARTS



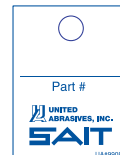
## 97037 – Wire Basket Qty. \_\_\_\_\_



## 97036 – 14" Wire Wheel Holder Qty. \_\_\_\_\_



## 97039 – POP Label Card Qty. \_\_\_\_\_ 1 per wheel holder & wire basket



## 99080 – Reorder Hang Tag Qty. \_\_\_\_\_ Order in multiples of 50

POP DISPLAY

150

# P.O.P. DISPLAY

## COUNTER RACK DISPLAY UNIT

99079 – Counter Display Rack

Qty. \_\_\_\_\_  
h17" x w15.5" x d11"

99115 – 4" Hooks (6 pack)

Qty. \_\_\_\_\_  
Hooks do not  
come with racks



99088 – 4 Wheel Counter Display Rack

Qty. \_\_\_\_\_  
h17" x w15.5" x d11"



## StackPack



Packaged 2 per box

- 25 wheels per Stack Pack
- Sturdy plastic case for stacking on counter in a small footprint
- Barcoded as a 25 pack for scanning

17100

- Contains 25 - 4½ x .045 x 7/8 Type 1 A60S (23101)

17105

- Contains 25 - 5 x .045 x 7/8 Type 1 A60S (23103)

## LARGE PRINTED ADVERTISING



97018 – Header and Holder

Qty. \_\_\_\_\_ (ships with 99160)  
Approximately h12" x w36"

Footers clip onto top of display backer and are used to support the header

Rectangle Header Cards - 1 per counter rack  
(Used ONLY for Counter Racks)

Part#	Description	Qty.
99098	United Abrasives/SAIT Header.....	_____
99104	Concrete cutting.....	_____
99106	Flap discs.....	_____
99107	Metal cutting.....	_____
99108	Metal grinding.....	_____
99109	Metal grinding/blending.....	_____
99110	Stainless Steel cutting.....	_____
99111	Stainless Steel grinding.....	_____
99112	Wire Brushes.....	_____
99113	Accessories.....	_____
99114	Aluminum.....	_____
99117	Metal/Stainless Steel cutting.....	_____
99118	Metal/Stainless Steel grinding.....	_____
99123	Belts.....	_____
99155	US Flap Disc.....	_____
99158	.045" Family.....	_____

99155



99158



99043 – Banner

Qty. \_\_\_\_\_  
h2' x w4' with grommets

Contact your Sales Representative for more information on how to order.

www.UnitedAbrasives.com



# Safety Guide

## Important:

The following information about safety should be used only as a guide. All products listed in this catalog shall be used in accordance with safety regulations set by OSHA and by the directive described by the American National Safety Institute B7.1, the Canadian Standard Association Safety Code B-173-5 and by the American Brush Manufacturers Association covering: Speed, Safety Guards, Flanges, Mounting Procedures, General Operating Rules, Handling, Storage, and Inspection of General Machine Conditions.

The information to the right is designed as a guide for the individual user of abrasive wheels, whether he be in the employ of a large corporation or in the confines of his home work shop. It is based on the premise that grinding/cutting is a safe operation when a few basic rules are followed. These rules are based on material contained in the American National Standards Institute Safety Requirements B7.1 - "Use, Care & Protection of Abrasive Wheels." Follow Them.



## Warning:

Avoid inhalation of dust generated by grinding and cutting operations. Exposure to dust may cause respiratory ailments as well as irritation to eyes and skin. In most cases, a greater hazard is the exposure to the dust/fumes from the base material being ground or paint or coatings applied to it. Use approved NIOSH or MSHA respirators, safety glasses or face shields, gloves and protective clothing. Provide adequate ventilation to eliminate dust or to maintain dust levels below the permissible exposure level for nuisance dust as classified by OSHA. Refer to Material Safety Data Sheet for further information.

All operators must read and understand safety information thoroughly.

## Follow Safety Instructions:

You must follow all operator and safety instructions, as well as all common safety practices which reduce the likelihood of physical injury.

## Operate Wheels at Recommended Speeds:


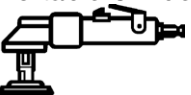









It is imperative that abrasive wheels be operated at recommended safe speeds. For safety reasons no abrasive wheel shall be operated at a speed greater than that indicated on the blotter or wheel.

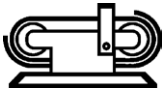
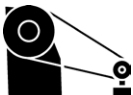


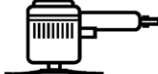



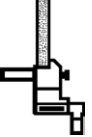

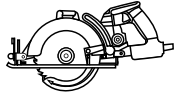
- Do always handle and store wheels in a careful manner.
- Do visually inspect all wheels before mounting for possible damage.
- Do make sure operating speed of machine does not exceed speed marked on wheel, its blotter or container.
- Do check mounting flanges for equal size, relieved as required & correct diameter.
- Do use mounting blotters as required by ANSI standards.
- Do be sure work rest is properly adjusted on bench, pedestal and floor stand grinders.
- Do always use safety guard that covers a minimum of one-half (1/2) the abrasive wheel.
- Do allow newly mounted wheels to run at operating speed, with guard in place, for at least one minute before grinding.
- Do always wear safety glasses or some type of approved eye protection while grinding or cutting.
- Do turn off coolant before stopping wheel to avoid creating an out-of-balance condition.
- Do follow common sense safety considerations.
- Do follow federal, state and local laws and regulations.
- Don't use a wheel that has been dropped or appears to have been abused.
- Don't force a wheel onto the machine or alter the size of the mounting hole. If wheel won't fit the machine, get one that will.
- Don't ever exceed maximum operating speed established for the wheel.
- Don't use mounting flanges on which the bearing surfaces are not clean, flat and smooth.
- Don't tighten the mounting nut excessively.
- Don't grind on the side of conventional, straight or Type 1 wheels.
- Don't use a wheel on any machine that is not properly designed for the specific application of the wheel.
- Don't start the machine until the safety guard is properly and securely in place.
- Don't jam work into the wheel.
- Don't stand directly in front of a grinding/cutting wheel whenever a machine is in operation.
- Don't grind or cut material for which the wheel is not designed.

*A pamphlet including these Do's and Don'ts and other safety information is included in each box of wheels.*

# Products By Tool Index

The tool graphic found on each page of the catalog represents the appropriate tool the product can be used on. These icons are also located on our product and box labels for easy identification.

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10093 Collegno (TO), Italy

- **Sait Abrasives (UK) Ltd.**

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Leicester, LE19 1WZ, England (UK)

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- **Sait Abrasivos LTDA**

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83404-000 – Colombo – Paraná, Brasil

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837 West 2600 South  
Salt Lake City, UT 84119

- **Canada Distribution Center**

1835 Meyerside Drive, Unit 3  
Mississauga, ON L5T 1G4



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United Abrasives, Inc. warrants that all industrial products it manufactures will be as represented in its catalog and will be free from defects in material and workmanship under normal use for which the product was intended if, but only if, it has been properly stored and used. Our obligation under this Warranty shall be limited to either the exchange of any product proven to be defective under normal use or to refund the purchase price thereof, at our option, within six months from the date of purchase by the original purchaser. The term "original purchaser", as used in this Warranty, shall be deemed to mean that person or company to whom the product was originally sold. This remedy is purchaser's exclusive remedy against United Abrasives, Inc. for any damages to either person or property caused by any defect or other failure in the product. Said refund or exchange shall constitute a fulfillment of any and all liabilities of United Abrasives, Inc. with respect to the quality of the product sold by it.

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All products listed in this catalog must be used in accordance with the safety regulations set by **OSHA**, by the directive described by the **American National Safety Institute B7.1** ("Safety Requirements for the Use, Care and Protection of Abrasive Wheels") and by the **American Brush Manufacturers Association**. The user of any United Abrasives, Inc. product should be thoroughly familiar with the above safety rules and regulations before use of the product.



**Bonded & Coated Abrasives from the Service Leader!**



NG WHEELS • .045" THIN CUT-OFF • CHOP SAW WHEELS  
SAIT WHEELS • .045" THIN CUT-OFF • CHOP SAW WHEELS  
ETS • SHOP ROLLS • WIRE BRUSHES • NON-WOVEN  
L-CUTTING CARBIDE BLADES • GRINDING WHEELS  
THIN CUT-OFF • CHOP SAW WHEELS • GAS SAW WHEELS  
LTS • FIBER DISCS • FLAP DISCS • SHEETS • SHOP ROLLS  
RE BRUSHES • NON-WOVEN • METAL-CUTTING CARBIDE  
ADES • GRINDING WHEELS • .045" THIN CUT-OFF • CHOP SAW WHEELS  
GAS SAW WHEELS • BELTS • FIBER DISCS • FIBER DISCS • FIBER DISCS  
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