

U[®] A UNITED
ABRASIVES
SAIT[®]



**High Performance
Flap Discs**



AMERICAN MADE



INDUSTRIAL GRADE

www.UnitedAbrasives.com

FIBERGLASS BACKING

- Wears uniformly with abrasive cloth
- Will not splinter or smear on the workpiece
- Lighter, quieter operation

PLASTIC BACKING

- Ease of use reduces operator fatigue
- Longer life than fiberglass backing at the same cost

REGULAR DENSITY



ENCORE

- Tough zirconium grain provides fast grinding and reliable finishing performance
- Durable polyester-cotton backing for long life
- Exceptional value and performance

METAL Ferrous and/or non-ferrous metals
STAINLESS Stainless steel, high tensile steel, titanium
ALUMINUM Non-ferrous metals (aluminum, copper, brass, etc.)

ENCORE PLUS



ENCORE CERAMIC • ENCORE CERAMIC PLUS

- Premium ceramic grain outlasts conventional zirconium in most applications
- Cooler cutting and fast, consistent finishes

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



OVATION®

- Heavy duty zirconium grain, designed for high pressure applications
- Durable polyester backing for reduced edge wear and long life
- 40% more material than conventional, regular density flap discs
- Continues to grind after most flap discs stop

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

OVATION® PLUS



OVATION® ATTACKER® • OVATION® ATTACKER® PLUS

- High performance zirconium grain for a wide variety of grinding and finishing applications
- Provides long life while maintaining high cut rates
- 40% more material than conventional, regular density flap discs

STAINLESS Stainless steel, high tensile steel, titanium
METAL Ferrous metals
ALUMINUM Non-ferrous metals (aluminum, copper, brass, etc.)



OVATION® CERAMIC • OVATION® CERAMIC PLUS

- Premium ceramic grain outlasts conventional zirconium in most applications
- Cooler cutting and fast, consistent finishes
- 40% more material than conventional, regular density flap discs

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



HIGH DENSITY



OVATION® STAINLESS

- Premium aluminum oxide with grinding aid for grinding and finishing on stainless steel with minimal discoloration
- Works great on aluminum and non-ferrous materials with minimal loading
- Provides long life while maintaining high stock removal rates
- 40% more material than conventional, regular density flap discs

STAINLESS Stainless steel, high tensile steel, titanium
ALUMINUM Non-ferrous metals (aluminum, copper, brass, etc.)

contaminant **cf** free

Fe + S + Cl < 0.1%

Encore	Ovation® Attacker® Plus
Encore Plus	Ovation® Ceramic
Encore Ceramic	Ovation® Ceramic Plus
Encore Ceramic Plus	Ovation® Stainless
Ovation®	TrimBack™
Ovation® Plus	TrimBack™ Ceramic
Ovation® Attacker®	TrimBack™ Stainless

TRIMMABLE BACKING

- Specially designed ABS plastic backing can easily be trimmed away to expose more abrasive material
- Ideal for specific applications such as hand rails and fillet welds

TRIMBACK™

- High performance zirconium grain for a wide variety of grinding and finishing applications

- Provides long life while maintaining high cut rates

METAL Ferrous and/or non-ferrous metals
STAINLESS Stainless steel, high tensile steel, titanium
ALUMINUM Non-ferrous metals (aluminum, copper, brass, etc.)

TRIMBACK™ CERAMIC

- Premium ceramic grain outlasts conventional zirconium in most applications
- Cooler cutting and fast, consistent finishes

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

TRIMBACK™ STAINLESS

- Premium aluminum oxide with grinding aid for grinding and finishing on stainless steel with minimal discoloration
- Works great on aluminum and non-ferrous materials with minimal loading
- Provides long life while maintaining high stock removal rates

STAINLESS Stainless steel, high tensile alloys, titanium
ALUMINUM Non-ferrous metals (aluminum, copper, brass, etc.)

REGULAR DENSITY



Size	Grit	TrimBack™		TrimBack™ Ceramic		TrimBack™ Stainless	
		T27	T29	T27	T29	T27	T29
4-1/2 x 7/8	36	70850	70800	70832	70821	70880	70844
4-1/2 x 7/8	40	70851	70801	70833	70822	70881	70845
4-1/2 x 7/8	60	70852	70802	70834	70823	70882	70846
4-1/2 x 7/8	80	70853	70803	70835	70824	70883	70847
4-1/2 x 7/8	120	-	-	-	-	70884	70848
4-1/2 x 5/8-11	36	70960	70910	70932	70921	70980	70944
4-1/2 x 5/8-11	40	70961	70911	70933	70922	70981	70945
4-1/2 x 5/8-11	60	70962	70912	70934	70923	70982	70946
4-1/2 x 5/8-11	80	70963	70913	70935	70924	70983	70947
4-1/2 x 5/8-11	120	-	-	-	-	70984	70948
5 x 7/8	36	70857	70807	-	70827	-	-
5 x 7/8	40	70858	70808	-	70828	-	-
5 x 7/8	60	70859	70809	-	70829	-	-
5 x 7/8	80	70860	70810	-	70830	-	-

SPECIALTY



SAND-LIGHT™

- Non-woven material
- Surface preparation and finishing

METAL **STAINLESS** **ALUMINUM**



GRIND & FINISH

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

METAL **STAINLESS** **ALUMINUM**



ENCORE MINI

- 2" and 3" Diameters
- Long life zirconium grain
- SAIT-LOK-R™ thread for easy changeover

METAL **STAINLESS** **ALUMINUM**

HIGH DENSITY



REGULAR DENSITY



← LOW PRESSURE // HIGH PRESSURE →

Size	Grit	Encore		Encore Plus		Encore Ceramic		Encore Ceramic Plus		OVation®	Ovation® Plus	Ovation® Attacker®	Ovation® Attacker® Plus	Ovation® Ceramic	Ovation® Ceramic Plus	Ovation® Stainless
		T27	T29	T27	T29	T27	T29	T27	T29	T27	T27	T27	T27	T27	T27	T27
4-1/2 x 7/8	36	71205	79105	71285	72238	72261	72820	71300	72250	78005	72200	-	72214	7267	72226	78054
4-1/2 x 7/8	40	71206	79106	71286	72239	72262	72821	71301	72251	78006	72201	76206	72215	78261	72227	78055
4-1/2 x 7/8	60	71208	79108	71287	72240	72263	72822	71302	72252	78008	72202	76208	72216	78262	72228	78056
4-1/2 x 7/8	80	71209	79109	71288	72241	72264	72823	71303	72253	78009	72203	76209	72217	78263	72229	78057
4-1/2 x 7/8	120	71211	79111	-	-	-	-	-	-	78011	72204	76211	-	-	-	78058
4-1/2 x 5/8-11	36	71215	79115	71385	72338	72361	72930	71400	72350	78105	72300	-	72314	78320	72326	78154
4-1/2 x 5/8-11	40	71216	79116	71386	72339	72362	72931	71401	72351	78106	72301	76316	72315	78321	72327	78155
4-1/2 x 5/8-11	60	71218	79118	71387	72340	72363	72932	71402	72352	78108	72302	76318	72316	78322	72328	78156
4-1/2 x 5/8-11	80	71219	79119	71388	72341	72364	72933	71403	72353	78109	72303	76319	72317	78323	72329	78157
4-1/2 x 5/8-11	120	71221	79211	-	-	-	-	-	-	78111	72304	76321	-	-	-	78158
5 x 7/8	36	71225	79125	-	72244	-	72827	-	72256	78025	72207	-	72220	78267	72232	78061
5 x 7/8	40	71226	79126	-	72245	-	72828	-	72257	78026	72208	76226	72221	78268	72233	78062
5 x 7/8	60	71228	79128	-	72246	-	72829	-	72258	78028	72209	76228	72222	78269	72234	78063
5 x 7/8	80	71229	79129	-	72247	-	72830	-	72259	78029	72210	76229	72223	78270	72235	78064
5 x 7/8	120	71231	79131	-	-	-	-	-	-	78031	72211	76231	-	-	-	78065
5 x 5/8-11	36	71235	-	-	-	-	72937	-	-	78125	-	-	-	78327	-	-
5 x 5/8-11	40	71236	-	-	-	-	72938	-	-	78126	-	76336	-	78328	-	-
5 x 5/8-11	60	71238	-	-	-	-	72939	-	-	78128	-	76338	-	78329	-	-
5 x 5/8-11	80	71239	-	-	-	-	72940	-	-	78129	-	76339	-	78330	-	-
5 x 5/8-11	120	71241	-	-	-	-	-	-	-	78131	-	76341	-	-	-	-
6 x 7/8	36	-	71245	-	-	-	-	-	-	78035	-	-	-	-	-	-
6 x 7/8	40	-	71246	-	-	-	-	-	-	78036	-	76236	-	-	-	-
6 x 7/8	60	-	71248	-	-	-	-	-	-	78038	-	76238	-	-	-	-
6 x 7/8	80	-	71249	-	-	-	-	-	-	78039	-	76239	-	-	-	-
6 x 7/8	120	-	71251	-	-	-	-	-	-	78041	-	76241	-	-	-	-
6 x 5/8-11	36	-	71255	-	-	-	-	-	-	78135	-	-	-	-	-	-
6 x 5/8-11	40	-	71256	-	-	-	-	-	-	78136	-	76346	-	-	-	-
6 x 5/8-11	60	-	71258	-	-	-	-	-	-	78138	-	76348	-	-	-	-
6 x 5/8-11	80	-	71259	-	-	-	-	-	-	78139	-	76349	-	-	-	-
6 x 5/8-11	120	-	71261	-	-	-	-	-	-	78141	-	76351	-	-	-	-
7 x 7/8	36	-	71265	-	-	-	-	-	-	78045	-	-	-	-	-	-
7 x 7/8	40	-	71266	-	-	-	-	-	-	78046	-	76246	-	-	-	-
7 x 7/8	60	-	71268	-	-	-	-	-	-	78048	-	76248	-	-	-	-
7 x 7/8	80	-	71269	-	-	-	-	-	-	78049	-	76249	-	-	-	-
7 x 7/8	120	-	71271	-	-	-	-	-	-	78051	-	76251	-	-	-	-
7 x 5/8-11	36	-	71275	-	-	-	-	-	-	78145	-	-	-	-	-	-
7 x 5/8-11	40	-	71276	-	-	-	-	-	-	78146	-	76356	-	-	-	-
7 x 5/8-11	60	-	71278	-	-	-	-	-	-	78148	-	76358	-	-	-	-
7 x 5/8-11	80	-	71279	-	-	-	-	-	-	78149	-	76359	-	-	-	-
7 x 5/8-11	120	-	71281	-	-	-	-	-	-	78151	-	76361	-	-	-	-

TECH INFO

Fiberglass Backing

5/8-11 Hub

Plastic Backing

5/8-11 Super-Lock™ Hub

Disc Shapes

Type 27 Type 29

Size	Grade	Grit	Coated Material	Grind & Finish
				T29
4-1/2 x 7/8	Coarse	60	A/O	77720
4-1/2 x 7/8	Medium	80	A/O	77721
4-1/2 x 7/8	Very Fine	150	A/O	77723
4-1/2 x 7/8	Coarse	40	Ceramic	77760
4-1/2 x 7/8	Coarse	60	Ceramic	77761
5 x 7/8	Coarse	60	A/O	77725
5 x 7/8	Medium	80	A/O	77726
5 x 7/8	Very Fine	150	A/O	77728
5 x 7/8	Coarse	40	Ceramic	77766
5 x 7/8	Coarse	60	Ceramic	77767

Diameter	Grit	Encore Mini
2"	40	74820
2"	60	74822
2"	80	74823
2"	120	74825
3"	40	74830
3"	60	74832
3"	80	74833
3"	120	74835

Size	Grade	Color	Sand-Light™
4-1/2 x 7/8	Coarse	Brown	71980
4-1/2 x 7/8	Medium	Maroon	71982
4-1/2 x 7/8	Very Fine	Blue	71984
5 x 7/8	Coarse	Brown	71990
5 x 7/8	Medium	Maroon	71992
5 x 7/8	Very Fine	Blue	71994