

U[®] A **UNITED**
ABRASIVES
SAIT[®]



**High Performance
Flap Discs**



AMERICAN MADE



INDUSTRIAL GRADE

www.UnitedAbrasives.com

FLAP DISCS ON PLASTIC BACKING

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

REGULAR DENSITY



ENCORE PLUS

- 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 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

HIGH DENSITY



OVATION® PLUS

- 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® ATTACKER® PLUS

- High performance zirconium grain for a wide variety of grinding & 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
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TRIMMABLE



TRIMBACK™

- Specially designed ABS plastic backing can easily be trimmed away to expose more abrasive material
- Unique design is ideal for hand rail and fillet weld applications
- High performance Zirconium grain for a wide variety of applications

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



TRIMBACK™ CERAMIC

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STAINLESS Stainless steel, high tensile steel, titanium



FLAP DISCS ON FIBERGLASS BACKING

Backing will wear uniformly with abrasive cloth
Will not splinter or smear on the workpiece • Lighter, quieter operation

REGULAR DENSITY



ENCORE

- Tough zirconium grain provides fast grinding and reliable finishing performance
- Durable 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.)



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STAINLESS Stainless steel, high tensile steel, titanium

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**



ENCORE MINI

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

STAINLESS **METAL** **ALUMINUM**

HIGH DENSITY



← LOW PRESSURE → HIGH PRESSURE →

REGULAR DENSITY



Size	Grit	Encore		Encore Plus	Encore Ceramic	Encore Ceramic Plus	Ovation®	Ovation Plus®	Ovation Ceramic®	Ovation Ceramic Plus®	Ovation® Attacker®	Ovation® Attacker Plus®	TrimBack™		TrimBack™ Ceramic
		T27	T29	T29	T29	T29	T27	T27	T27	T27	T27	T27	T27	T27	T29
4-1/2 x 7/8	36	71205	79105	72238	72820	72250	78005	72200	78260	72226	-	72214	70850	70800	70821
4-1/2 x 7/8	40	71206	79106	72239	72821	72251	78006	72201	78261	72227	76206	72215	70851	70801	70822
4-1/2 x 7/8	60	71208	79108	72240	72822	72252	78008	72202	78262	72228	76208	72216	70852	70802	70823
4-1/2 x 7/8	80	71209	79109	72241	72823	72253	78009	72203	78263	72229	76209	72217	70853	70803	70824
4-1/2 x 7/8	120	71211	79111	-	-	-	78011	72204	-	-	76211	-	-	-	-
4-1/2 x 5/8-11	36	71215	79115	72338	72930	72350	78105	72300	78320	72326	-	72314	70960	70910	70921
4-1/2 x 5/8-11	40	71216	79116	72339	72931	72351	78106	72301	78321	72327	76316	72315	70961	70911	70922
4-1/2 x 5/8-11	60	71218	79118	72340	72932	72352	78108	72302	78322	72328	76318	72316	70962	70912	70923
4-1/2 x 5/8-11	80	71219	79119	72341	72933	72353	78109	72303	78323	72329	76319	72317	70963	70913	70924
4-1/2 x 5/8-11	120	71221	79211	-	-	-	78111	72304	-	-	76321	-	-	-	-
5 x 7/8	36	71225	79125	72244	72827	72256	78025	72207	78267	72232	-	72220	70857	70807	70827
5 x 7/8	40	71226	79126	72245	72828	72257	78026	72208	78268	72233	76226	72221	70858	70808	70828
5 x 7/8	60	71228	79128	72246	72829	72258	78028	72209	78269	72234	76228	72222	70859	70809	70829
5 x 7/8	80	71229	79129	72247	72830	72259	78029	72210	78270	72235	76229	72223	70860	70810	70830
5 x 7/8	120	71231	79131	-	-	-	78031	72211	-	-	76231	-	-	-	-
5 x 5/8-11	36	71235	-	72344	72937	72356	78125	72307	78327	72332	-	72320	70967	70917	70927
5 x 5/8-11	40	71236	-	72345	72938	72357	78126	72308	78328	72333	76336	72321	70968	70918	70928
5 x 5/8-11	60	71238	-	72346	72939	72358	78128	72309	78329	72334	76338	72322	70969	70919	70929
5 x 5/8-11	80	71239	-	72347	72940	72359	78129	72310	78330	72335	76339	72323	70970	70920	70930
5 x 5/8-11	120	71241	-	-	-	-	78131	72311	-	-	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	Fine	Blue	71984
5 x 7/8	Coarse	Brown	71990
5 x 7/8	Medium	Maroon	71992
5 x 7/8	Fine	Blue	71994

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