

STEEL

ICEBERG AC/DC+ (grey)	Finally!! A high strength electrode for dissimilar steels, that can run VERTICAL welds as easily as flat.	TENSILE 186,000 psi ELONGATION 32%			DIAMETER 3/32" AMPERAGE 35-70	DIAMETER 1/8" AMPERAGE 60-110		
OLD FAITHFUL AC/DC+ (orange)	The ultimate electrode for welding ALL steels, without cracking. Stable arc even on small AC machines. GREAT for extracting broken STUDS.	TENSILE 186,000 psi ELONGATION 32%		DIAMETER 5/64" AMPERAGE 30-55	DIAMETER 3/32" AMPERAGE 35-70	DIAMETER 1/8" AMPERAGE 60-110	DIAMETER 5/32" AMPERAGE 75-140	DIAMETER 3/16" AMPERAGE 130-200
TRUE BLUE AC/DC (blue)	VERTICAL & OVERHEAD welding on mild steel made easy. Electrode can be bent without flux breakage. Unparalleled for sheet metal welding.	TENSILE 83,000 psi ELONGATION 25%	DIAMETER 1/16" AMPERAGE 20-40	DIAMETER 5/64" AMPERAGE 30-50	DIAMETER 3/32" AMPERAGE 50-70	DIAMETER 1/8" AMPERAGE 70-110	DIAMETER 5/32" AMPERAGE 115-140	DIAMETER 3/16" AMPERAGE 150-200
GREASE MONKEY AC/DC (rust)	ABSOLUTELY the best mild steel electrode for welding through Grease, Rust, Paint, and Galvanize. Will weld over its own SLAG.	TENSILE 88,000 psi ELONGATION 28%			DIAMETER 3/32" AMPERAGE 25-75	DIAMETER 1/8" AMPERAGE 35-125	DIAMETER 5/32" AMPERAGE 50-160	
SAND DUNE AC/DC+ (grey)	HIGH strength, LOW alloy electrode that can be cut with a torch. EXTRA low moisture flux with easy all position welding on critical jobs.	TENSILE 120,000 psi ELONGATION 23%			DIAMETER 3/32" AMPERAGE 65-100	DIAMETER 1/8" AMPERAGE 100-140	DIAMETER 5/32" AMPERAGE 140-190	DIAMETER 3/16" AMPERAGE 190-250
SCORPION AC/DC+ (lt. grey)	The new Super E-7018M Welding Electrode with moisture resistant flux. Unusually smooth run in all positions, low spatter. Flux is non-conductive.	TENSILE 84,000 psi ELONGATION 32%				DIAMETER 1/8" AMPERAGE 100-140	DIAMETER 5/32" AMPERAGE 140-190	

STAINLESS

FAST FREEZE AC/DC+ (tan-grey)	VERTICAL welding of stainless with no dripping or sagging of weld puddle. IDEAL for poor fit joints and filling holes.	TENSILE 80,000psi ELONGATION 42%			DIAMETER 3/32" AMPERAGE 60-80	DIAMETER 1/8" AMPERAGE 90-110		
COOL COAT AC/DC+ (white)	HIGH STRENGTH stainless electrode that truly will NOT OVERHEAT. FAST deposition that can compete with Mig for speed and appearance.	TENSILE 85,000 psi ELONGATION 42%	DIAMETER 1/16" AMPERAGE 25-35	DIAMETER 5/64" AMPERAGE 30-60	DIAMETER 3/32" AMPERAGE 55-75	DIAMETER 1/8" AMPERAGE 75-110	DIAMETER 5/32" AMPERAGE 90-140	

METAL REMOVAL

ERASER AC/DC (green)	CHAMFER-GROOVE-CUT all metals without AIR or SPECIAL equipment. Special "GREEN" flux forms electrically conductive cup for easy restrike.				DIAMETER 3/32" AMPERAGE 100-170	DIAMETER 1/8" AMPERAGE 150-250	DIAMETER 5/32" AMPERAGE 220-330	DIAMETER 3/16" AMPERAGE 300-450
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CAST IRON

COPPERHEAD AC/DC+ (black)	UNIQUE copper clad electrode for all weldable cast irons & cast to steel. OVERHEATING of flux is eliminated. High strength "machinable" welds.	TENSILE 77,000 psi ELONGATION 30%			DIAMETER 3/32" AMPERAGE 50-70	DIAMETER 1/8" AMPERAGE 70-100	DIAMETER 5/32" AMPERAGE 100-130	
EBONY AC/DC+ (black)	NON-CONDUCTIVE flux eliminates "side arcing" in tight spots. Arc penetrates "oil & grease". Excellent "vertical up" welding.	TENSILE 55,000 psi ELONGATION 30%			DIAMETER 3/32" AMPERAGE 70-90	DIAMETER 1/8" AMPERAGE 80-120	DIAMETER 5/32" AMPERAGE 130-160	
ONYX AC/DC+ (black)	BURNT-OUT cast iron problem solver. Perfect for cosmetic repair, will color match & rust like cast iron. NON MACHINABLE weld deposit.	TENSILE 62,000 psi ELONGATION 20%				DIAMETER 1/8" AMPERAGE 70-125	DIAMETER 5/32" AMPERAGE 95-150	

COPPER/BRONZE

AZTEC DC+ (lt. grey)	New Copper electrode for joining and build-up of electrolytic, touch pitch and deoxidized copper.	TENSILE 33,000 psi ELONGATION 35%				DIAMETER 1/8" AMPERAGE 100-130	DIAMETER 5/32" AMPERAGE 140-170	
COBRA DC+ (grey)	ULTRA Bronze alloy that will weld any combination of ferrous and non-ferrous metals.	TENSILE 96,000 psi ELONGATION 20%				DIAMETER 1/8" AMPERAGE 90-130	DIAMETER 5/32" AMPERAGE 105-135	

HARDFACING

CRUSHER AC/DC (grey)	IMPACT electrode for build-up on hammers, crushers, & railroad frogs. Outwears other alloy 10 to 1. GREAT for joining manganese steel.	TENSILE 119,000 psi ELONGATION 41%				DIAMETER 1/8" AMPERAGE 90-150	DIAMETER 5/32" AMPERAGE 120-210	DIAMETER 3/16" AMPERAGE 165-270
HARD HAT AC/DC+ (grey)	ABRASION resistant electrode with Chromium/complex carbide deposit. ALL positions with smaller diameters. SPECIAL flux to eliminate porosity.	HARDNESS RC58-60			DIAMETER 3/32" AMPERAGE 65-95	DIAMETER 1/8" AMPERAGE 110-140	DIAMETER 5/32" AMPERAGE 160-200	DIAMETER 3/16" AMPERAGE 210-270

ALUMINUM

SNOW CAP DC+ (white)	NEW high strength electrode for ARC welding & TORCH brazing of Aluminum. Extruded flux has extended shelf life. Welds all types & dirty aluminum.	TENSILE 41,000 psi YIELD 24,000 psi		DIAMETER 5/64" AMPERAGE 30-60	DIAMETER 3/32" AMPERAGE 50-80	DIAMETER 1/8" AMPERAGE 70-120	DIAMETER 5/32" AMPERAGE 110-150	
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TORCH ALLOYS

GENIE	High strength, self-fluxing solder for Aluminum, Magnesium and Zinc based metals.	TENSILE 50,000 psi MELT-RANGE 705°F-720°F				DIAMETER 1/8"	DIAMETER 5/32"	
STERLING	A premium Phos-Copper alloy for economical brazing of copper, brass & bronze.	TENSILE 40,000 psi MELT-RANGE 1400°F-1600°F				DIAMETER 1/8" Flat		
SUPER STERLING	A SILVER bearing alloy for ultimate flow and high strength joints in copper to copper applications.	TENSILE 60,000 psi MELT-RANGE 1300°F				DIAMETER 1/8" Flat		
HILO SILVER (pink)	CADMIUM-FREE-HIGH-STRENGTH-LOW MELTING SILVER ALLOY. Highly active "Pink" flux cleans oxide film on "Stainless-Copper-Brass".	TENSILE 71,000 psi MELT-RANGE 1140°F-1200°F	DIAMETER 3/64"	DIAMETER 1/16"				
LAVA (red)	Ultra high strength brazing alloy for joining or build-up on steel and cast. "Safe View" moisture sealed "Red" flux for extended shelf life.	TENSILE 102,000 psi MELT-RANGE 1583°F-1640°F		DIAMETER 1/16"	DIAMETER 3/32"	DIAMETER 1/8"		
DIAMOND (blue)	Exceptional for brazing "DIRTY" cast iron or steel and thin sheet metal. Non-Sodium "Blue" flux eliminates harsh odors and bright glare.	TENSILE 71,000 psi MELT-RANGE 1583°F-1620°F		DIAMETER 1/16"	DIAMETER 3/32"	DIAMETER 1/8"		

*Also available in MIG and/or TIG.



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