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AMI

AMI

AMI-GLAS®

The workhorse of asbestos substitutes... without the hazards

Woven from 100% fiberglass yarns, AMI-GLAS fabrics offer excellent protection against vertical spark & slag used as dropcloths & heat containment curtains in light- to medium-duty welding applications.

- Continuous protection to 1000°F
- 100% woven texturized fiberglass
- Melting point: 1400°F
- Durable – ideal for applications where fabric must be moved frequently
- Strong & versatile
- Abrasion resistant
- Low irritation factor
- Flexible
- Resistant to chemicals
- Available dyed & fabricated to your specs

Colors: Red, Black, Orange, White, Gold, Tan, Blue



Product Code	Width (in)	Thickness (in)	Weight (oz/sq yd)	Standard Put-Ups	Finish/Treatment
GL1100	38, 60	.015	11	50 yd rolls,	• 9383 finish (caramelization)
GL or CGL1200	40, 60, 72	.025	12	25 yd rolls	
GL 1300	60	.017	13	or as specified by customer	• GEW or GEA coating for fabrication purposes
GL1400	60	.020	14		
GL or CGL2025	40, 60, 72	.030	18		
GL or CGL2400	40, 60, 72	.050	24		
GL2618	38, 60	.055	26		
GLTW2600	40, 60, 72	.055	26		
GL or CGL3000	40, 60, 72	.060	30		
GL or CGL3200	40, 60, 72	.070	32		
GL or CGL3500	40, 60, 72	.080	35		
GL or CGL4000	40, 60, 72	.090	40		
GL or CGL6000	40, 60	.125	60		

Note: GL fabrics are premium grade, CGL fabrics are commercial grade (not recommended for fabrication)

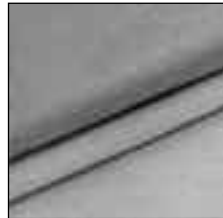
GOLDENGLAS®

Choose neoprene-coated GOLDENGLAS for extra durability.

Woven from 100% fiberglass yarns, GOLDENGLAS fabrics offer excellent protection against vertical spark & slag as dropcloths & heat containment curtains in light- to medium-duty welding applications.

- 100% woven textured fiberglass fabric with neoprene coating
- Fabric remains stable to 1000°F; neoprene is limited to 225°F continuous.
- Made tough to last long in high traffic areas or where fabric must be moved frequently

Colors: Gold, Blue (other colors available upon request)



Product Code	Width (in)	Thickness (in)	Weight (oz/sq yd)	Standard Put-Ups
GLN2025	40, 60, 72	.030	20	50 yd rolls, 25 yd rolls or as specified by customer
GLN2401	40, 60, 72	.050	26	

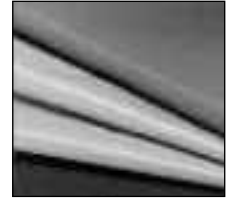
AMI-FAB®

The flexible choice for rugged performance.

Fabricated as curtains, or as a drop cloth over equipment, AMI-FAB offers good vertical spark protection in situations requiring flexibility and durable performance. It has excellent drapability and is well suited to outdoor operations.

- 100% fiberglass cloth coated both sides with silicone rubber
- Ideal as drop cloths over equipment and floors
- Good vertical spark protection when used as curtain
- Rugged, long-wearing performance
- Water and weather resistant
- Fiberglass remains stable to 1000°F, silicone is limited to 500°F continuous

Colors: Grey, Salmon, Blue, Red, White, Black



Product Code	Width (in)	Thkns (in)	Wt. (oz/sq yd)	Standard Put-Ups
SGL900	50"	.008	9	50 yd rolls,
SGL1400	38", 60"	.013	14	25 yd rolls, or
SGL1700	60"	.016	17	as specified by customer
SGL2000	38"	.022	20	
SGL3200	37", 60"	.032	32	
SGL5300	40", 60"	.060	53	
SGL9000	40", 60"	.125	90	CSGL9000 60" available in 25 yd rolls max)

AMI-SIL®

The ultimate in high temperature welding protection!

With a melting point of over 3000°F, AMI-SIL fabrics – made of 96% pure silica – offer welders mega-protection in applications from heat treating to stress relieving to drop cloths over equipment and floors.

- Continuous protection to 1800°F
- Melting point: 3000°F
- Made of essentially pure silica (min. 96% silica content)
- Military grade woven with non-texturized yarn, commercial grade woven with texturized yarn
- Excellent slag protection, even when used horizontally
- Compliance to MIL-C-24576 for construction, weight and content



Plain & aluminized military grade AMI-SIL



Commercial grade AMI-SIL

	Product Code	Width (in)	Thkns (in)	Wt. (oz/sq yd)	Finish/Treatment
Military Grade	AS1800	36	.030	18	• AR finish: added abrasion resistance • Silicone coating • Aluminization • Pressure sensitive • Pre-shrunk
	AS1800AR	36	.030	18	
	AS2400	36	.040	24	
	AS2400AR	36	.040	24	
	AS3600	36	.054	36	
Commercial Grade	AS3600AR	36	.054	36	
	CAS1700	39	.035	17	
	CAS4000	39	.090	40	

Note: Military grade woven with non-textured yarn, commercial grade woven with textured yarn.

Blanket & Curtain Fabrication

AMI can fabricate any of its high temperature fabrics into welding blankets or curtains per your order. Whether you specify standard or custom sizes, with or without grommets or other special hardware, our fully integrated capabilities assure you of fast turnaround and maximized quality control.

Standard Blanket & Curtain Sizes (ft):			
3 x 4	5 x 5	6 x 8	8 x 10
4 x 5	5 x 6	6 x 10	10 x 10
4 x 6	6 x 6	8 x 8	12 x 12

Custom sizes and styles available on request

Welding

AMI/Bernz-O-Matic®

AMI-GUARD®

High performance hand protection with the AMI difference!

- Full range of standard glove, mitten and cuff styles
- Products made of AMI-GLAS®, AMI-THERM® and AMI-FLEX® to meet specific application and performance requirements.
- Field tested to ensure protection, comfort and durability
- Custom-fabricated gloves and other protective clothing available to your specifications.
- All styles except **GL-279R** (overmitt) are wool lined and sewn with aramid thread for added seam integrity.
- **R** denotes reversible

GL 279R

- Reversible overmitt
- Unlined AMI-GLAS
- Worn over any glove or mitten for additional protection



GL 210 (shown) and GL13010

- 5 finger glove with cuff
- Made of AMI-GLAS
- **GL 13010** has double palm for added protection



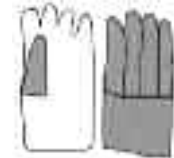
ACK-210

- Fully aluminized carbon aramid
- 5 finger glove
- For radiant heat protection



ACKGL 210

- 5 finger glove with aluminized carbon aramid back and AMI-GLAS palm



GL 225

- 5 finger AMI-GLAS glove
- Fingers, palm, thumb reinforced with special heat resistant leather for added cut resistance



GL 250R

- AMI-GLAS all-purpose mitten with reversible option available
- Moderate temperature applications



GL 275R

- AMI-GLAS mitten
- Heat resistant patch on fingers, palm and thumb for added cut resistance



GL 278R

- AMI-GLAS mitten with extra patch on fingers, palm and thumb for extra protection



GL 260R

- Full fiberglass palm patch quilted between 2 layers of AMI-GLAS fabric



Bernz-OMatic®

Welding and Cutting Torch Kit

OX2550KC – Oxygen/MAPP® Welding Torch Kit with MAPP® Gas



Instant On Trigger Start Torches

Bernzomatics' finest torches feature instant on Trigger Start Igniters and are regulated for cold weather use. All products are fast, easy to use and are considered ideal for all types of soldering and brazing projects. Product features include stainless steel burn tubes for compatibility with both MAP® and Propane Gases.

Professional Series Torches:

TS7000T

TS7000KC (w/Propane)

TS7000ZKC (w/MAPP®)

- All TS7000 models have adjustable flame control

TS4000T

TS4000KC (w/Propane)

TS4000ZKC (w/MAPP®)

Both TS7000 and TS4000 have a Rugged Cast Aluminum Body and Swirl Flame Tip.

Various replacement tips also available.

TS7000T



TS7000KC



TS7000ZKC



TS4000T



TS4000KC



TS4000ZKC



Bernz-O-Matic®

High Temperature Torches and Accessories

These powerful torches operate with either MAPP® or Propane gases. Ideal for soldering & brazing.

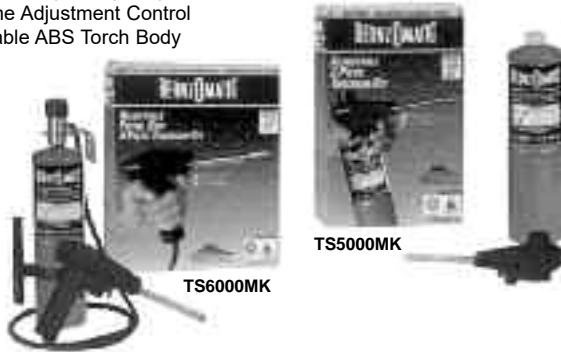
Trigger Start High Temp Soldering & Brazing Torches:

TS6000MK (w/Propane)

- Four Foot Hose, Belt Clip & Holster for "Hands Free" portability
- Pistol Grip Design

TS5000MK (w/Propane)

- Flame Adjustment Control
- Durable ABS Torch Body



TS6000MK

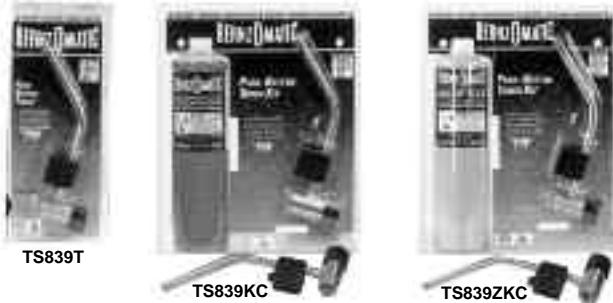
TS5000MK

Swivel Head Brazing Torches:

TS839T – MAPP®/Propane Trigger Start Brazing Torch

TS839KC – Trigger Start Brazing Torch w/Propane

TS839ZKC – Trigger Start Brazing Torch Kit w/MAPP® gas



TS839T

TS839KC

TS839ZKC

Solid Brass Brazing Torches:

JTH7 – MAPP®/Propane Brazing Torch Kit with Hose

JT539T – MAPP®/Propane Brazing Torch



JTH7

JT539T

Trigger Start Accessories:

BT4756 – Gas Burntube Assembly (TS4000/TS7000)

OT4757 – Pencil Flame Burntip & Orifice Kit (TS4000/TS7000)

OT4758 – Swirl Flame Burntip & Orifice Kit (TS4000/TS7000)

OT4759 – General Purpose Flame Burntip & Orifice Kit (TS4000/TS7000)



BT4756

OT4757

OT4758

OT4759

Propane Torches

Quality product features include one touch Trigger Start igniters, stainless steel burn-tubes, tough ABS plastic torch cases and innovative designs.

TS2000T

- Trigger Start Ignition
- Regulated for cold weather performance
- Adjustable Flame Control

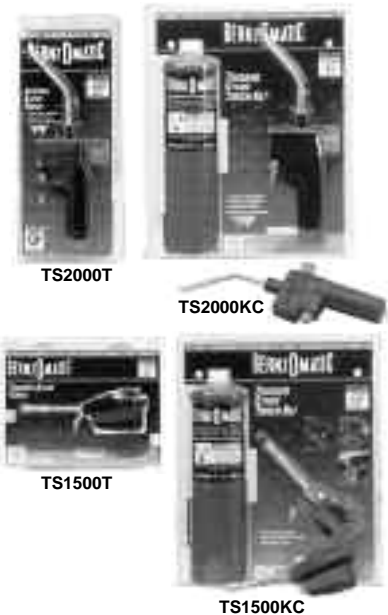
TS2000KC (w/Propane)

- Trigger Start Ignition
- Regulated for cold weather performance
- Adjustable Flame Control

TS1500T

TS1500KC (w/Propane)

- Push Button Ignition
- Adjustable Flame Control



TS2000T

TS2000KC

TS1500T

TS1500KC

Plumber's Kits:

PK1500KC

- Includes: TS1500 Trigger Start Torch, 3 oz. 100% Lead Free Solder, 1 oz. Water Soluble Flux, Flux Brush and 14.1 oz. Propane Cylinder

PK1001KC

- Includes: JT681 Pencil Flame Jet Torch, 3 oz. 100% Lead Free Solder, 1 oz. Water Soluble Flux, Flux Brush and 14.1 oz. Propane Cylinder



PK1500KC

PK1001KC

Classic, Brass Torches and Accessories

Jet Torches:

Legendary BernzOmatic Jet Torches feature solid brass construction with a patented jet venturi air intake. This design ensures proper air/fuel mixture providing a hotter flame for faster work with greater fuel economy

JT680 - Jumbo Flame Torch

JT95KC - 4 piece Jumbo Flame Torch Kit

- Includes: JT680 Jumbo Flame Torch, Brass Flame Spreader, GM100T Butane Lighter and 14.1 oz. Propane Cylinder

JT11 - 2 piece Jumbo Flame Torch Kit

JT681 - Pencil Flame Jet Torch



JT680

JT681

JT11

JT95KC

continues –

Welding

Bernz-O-Matic®

Jet Torches (continued)

JT25 - 7 piece Pencil Flame Jet Torch Kit
• Includes: JT681 Pencil Flame Jet Torch, TX405 Sparker, 810 Flame Spreader, Replacement Flints, Blow Torch Head, 14.1 oz. Propane Cylinder and Molded Plastic Carry Case



JT25

JT10 - 2 piece Pencil Flame Jet Torch Kit

JT90KC - 4 piece Pencil Flame Torch Kit
• Includes: JT681 Pencil Flame Jet Torch, 810 Flame Spreader, GM100T Butane Lighter and 14.1 oz. Propane Cylinder



JT10

JT90KC

Utility Torches:

Economical utility torches provide a consumer value option. Solid brass construction, general purpose utility flame, proven safety features, needle valve control and filtered orifice create a durable and dependable torch suitable for basic home use.

UL125 - 7 piece Pencil Flame Torch Kit
• Includes: UL2317 Pencil Flame Utility Torch, TX405 Sparker, 810 Flame Spreader, Replacement Flints, 650 Utility Flame Head, 14.1 oz. Propane Cylinder and Molded Plastic Carry Case



UL2317

UL2317 - Pencil Flame Utility Torch

UL100 - 2 piece Pencil Flame Torch Kit



UL125

UL100

Fuels and Accessories

BernzOmatic Fuels:

TX9 - 14.1 Ounce Propane Gas Cylinder
MG9 - 16.0 Ounce MAPP® Gas Cylinder
OX9 - 1.1 Cubic Foot Oxygen Cylinder
TX916 - 16.4 Ounce Propane (wide body) Cylinder
BF9 - 2.1 Ounce Butane Cylinder



TX9

MG9

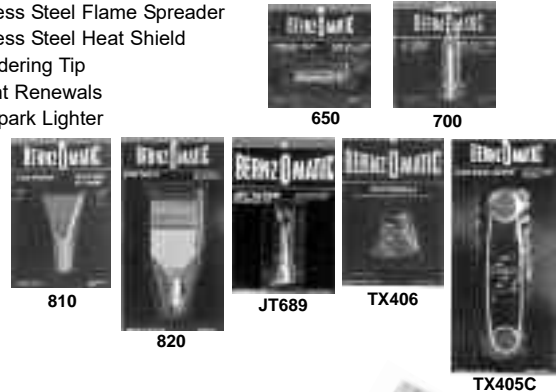
OX9

TX916

BF9

Accessories:

650 - 1/2" Utility Flame Head
700 - 1/2" Utility Flame Head
810 - Stainless Steel Flame Spreader
820 - Stainless Steel Heat Shield
JT689 - Soldering Tip
TX406 - Flint Renewals
TX405C - Spark Lighter



650

700

810

820

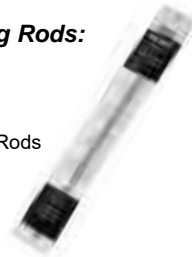
JT689

TX406

TX405C

Welding, Brazing and Soldering Rods:

NS3 - Nickel Silver Brazing Rods
WB5 - Premium Bronze Brazing Rods
AL3 - Aluminum Soldering Rods
PC3 - Copper Phosphorous Soldering Rods



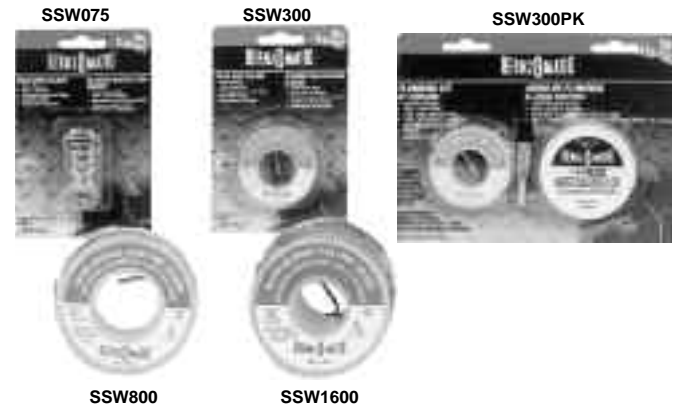
Soldering Wire

BernzOmatic has all three types of solder in the line. Solid Wire solder is for plumbing applications, Rosin Core solder is for electrical applications and Acid Core is for general purpose applications.

Plumbing - Solid Wire:

SSW075 - .75 oz Solid Wire Solder
SSW300 - 3 oz. Solid Wire Solder
SSW800 - 8 oz. Solid Wire Solder
SSW1600 - 16 oz. Solid Wire Solder
SSW300PK - Plumber's Kit

• Includes: 3 oz. Solid Wire Solder, 1 oz. Water Soluble Flux, Brush and Abrasive Cloth.



SSW075

SSW300

SSW300PK

SSW800

SSW1600

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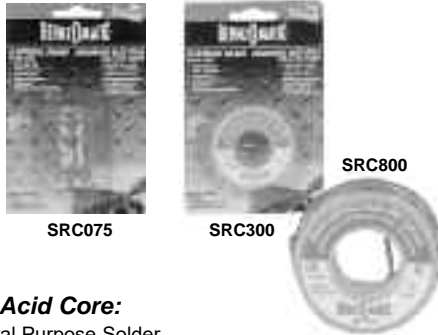
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Bernz-O-Matic®/Teleweld Inc.

Soldering Wire (continued)

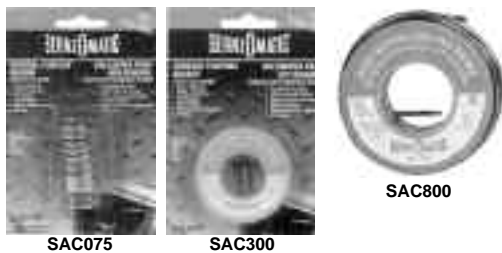
Electrical – Rosin Core:

- SRC075** – .75 oz. Electrical Solder
- SRC300** – 3 oz. Electrical Solder
- SRC800** – 8 oz. Electrical Solder



General Purpose – Acid Core:

- SAC075** – .75 oz. General Purpose Solder
- SAC300** – 3 oz. General Purpose Solder
- SAC800** – 8 oz. General Purpose Solder



Soldering Accessories

Bernzomatic has included helpful accessories in the Solder line to aid in your soldering projects.

- S4IN1B** – Four-in-One Brush
- SWSF100** – 1 oz. Water Soluble Flux
- SFB400** – Five 4" Flux Brushes
- SHS6X8** – Heat Shield

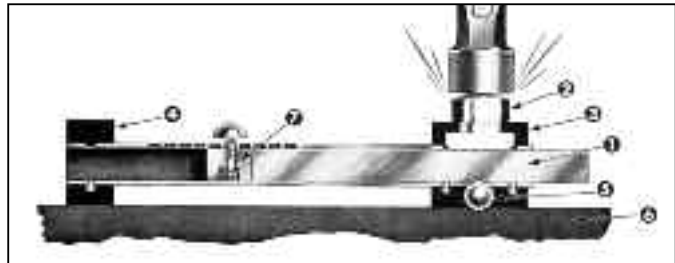


The Telebrineller System (continued)

highly practical for all Brinell hardness testing needs.
SIMPLE OPERATION – One hammer blow, measurement of the resulting impressions, and manipulation of a basic equation on the computer provided – that's all. No special training required. In a few minutes, anyone can learn to determine BHN accurately.

CERTIFIED ACCURACY – The test bars which are the core of this system are calibrated to a uniform hardness of $\pm 3\%$ of the labeled BHN. Hardness of the bars is measured by equipment whose accuracy is certified traceable to the National Standards Institute. The Telebrineller microscope is by Leica. Readings may be made within .05 millimeters.

WEATHERPROOF – Designed for field use; there are no delicate adjustments or fragile components to be concerned with. All parts are rugged, solid, able to deliver accurate measurements in all weather, under the roughest field conditions.



The Telebrineller System – Its Principle of Operation:

A test bar of known BHN, approximating the hardness of the specimen to be tested, is selected. Consistent accuracy is maintained when the test bar BHN is within 15% of the specimen BHN and is of the same general material. (Testing non-ferrous materials with carbon steel bars causes impact errors that must be compensated for by applying correction factors to the test results.) The test bar is inserted into the Telebrineller instrument and the instrument placed upon the specimen.

When the Telebrineller instrument is complete with test bar (1), the anvil (2), encased in a soft molded rubber head (3), rests on the test bar. The rubber head and a similar resting block (4), provide non-skid footing. Below the test bar, a steel impression ball (5), secured in the base of the head, is in contact with both the test bar and the specimen. The anvil is struck sharply with a three to five pound hammer. The impact, regardless of force, is transmitted equally to the test bar and, through the impression ball to the specimen metal (6), making impressions in both. The diameters of the resulting impressions are directly related to the respective hardness of the test bar and the specimen.

A spacing bar (7), operated by a spring catch and button, adjusts the test bar to a clear area for each test. By turning the bar to utilize the full length of all four faces, a total of 80 tests can be made with one bar.

Measuring Diameters

The bar is removed from the instrument and the Telebrineller Microscope positioned over the appropriate impression. The microscope provides a scale of 1/10 millimeter divisions and is designed so that the image and scale are bright and clear to the observer. A numbered division is aligned tangent to the impression and the diameter measured by the division that falls over the opposite tangent. Readings may be made easily and accurately within .05 millimeters. The impression in the specimen metal is measured in the same manner. Both measurements take just a few moments.

Determining BHN-The Brinell hardness of the specimen metal is determined quickly with a simple mathematical equation.

$$\left(\frac{\text{Diameter of Impression in Bar}}{\text{Diameter of Impression in Metal}} \right)^2$$

$$\times (\text{BHN of Test Bar}) = \text{BHN of specimen metal.}$$

EXAMPLE: Assume the impression diameter of the test bar is measured to be 3.05; the impression diameter of the specimen metal, 3.15; and the labeled BHN of the bar is 352.

$$\left(\frac{3.05}{3.15} \right)^2 \times 352 = .968 \times .968 \times 352 = 330$$

Thus the BHN of the specimen metal is 330.

This computation is simplified with the use of the Telebrineller Computer or any pocket calculator. Complete instructions are included in every Telebrineller system. Telebrineller replacement parts and test bars of harnesses from 100 to 600 BHN are always available. Contact us for pricing and ordering information.

Teleweld

The Telebrineller System

Now you can measure Brinell hardness anywhere - in the field - In the Plant - In the Lab - Simple, certain operation under all conditions

The Telebrineller system is a major achievement in quality assurance. Developed for use by its own welding crews in the field, Teleweld, Inc., has based this system on proven metallurgical knowledge supported by more than fifty years of field experience.

LIGHTWEIGHT – The complete Telebrineller system, in its case, weighs less than ten pounds. Easily transported to any location, it is



– continues –

Welding

Uniweld

Uniweld

OXYACETYLENE

Maintenance Outfits

These are outfits designed for the maintenance service technician that has a variety of job requirements. The outfits include an attachment for cutting steel; an oxyacetylene welding tip for brazing and welding and a gas/air adaptor with an acetylene Twister® tip for soldering and brazing without the use of cylinder oxygen. The gas/air adapter converts the welding handle to be used with air/acetylene tips for soldering and brazing. This results in a tremendous savings of oxygen. These outfits are capable of brazing up to 1" copper tubing, welding up to 1/8" and cutting up to 1/2" steel with supplied tips.

Part #	UPC #	Acetylene Regulator	Carrying Stand	Tanks*
KLT71-4	82327	RMC2	w/o	w/o
KLT71-4C	82328	RMC2	500S	w/o
KLT71-4C-T	82329	RMC2	500S	MC/R
KLT71-4NP	82330	RMC2	513	w/o
KLT71-4NP-T	82331	RMC2	513	MC/R
KLT71-4P	82332	RMC2	511	w/o
KLT71-4P-T	82333	RMC2	511	MC/R
KLT71-5	82334	RB2	w/o	w/o
KLT71-5TR	82335	RB2	504	w/o

*Tanks shipped empty.

Welding Handle:	71
Welding/Brazing Tip:	Type 17 #2
Acetylene Tip:	AS5 Twister® Tip
Adaptor:	F11 Gas/Air Adaptor
Cutting Attach:	CA550
Cutting Tip:	5-101 #0
Oxygen Regulator:	RO
Accessories:	H32A 12-1/2 ft. Twin Hose WG52 Goggles FL34 Flint Lighter



KLT71-4NP-T

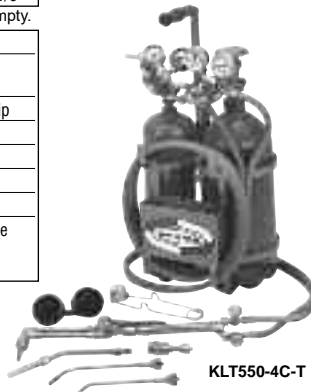
Mastar® Maintenance Outfits

The Mastar® Maintenance outfits are "The Very Best" apparatus for the Maintenance service technician who has a variety of job requirements. This outfit includes everything in a Mastar® outfit plus a gas/air adaptor with an air/acetylene Thruster® tip for soldering and brazing. The gas/air adaptor converts the welding handle for use with any of our screw connect air/acetylene tips for soldering and brazing. This conserves a considerable amount of oxygen. The capability of these outfits as supplied are: Rosebud tip for brazing up to 2-5/8" copper tubing, cutting attachment for cutting up to 1/2" steel, welding tip for brazing up to 1" copper tubing and welding up to 1/8" steel.

Part #	UPC #	Acetylene Regulator	Carrying Stand	Tanks*
KLT550-4	82210	RSMC2	w/o	w/o
KLT550-4C	82211	RSMC2	500S	w/o
KLT550-4C-T	82212	RSMC2	500S	MC/R
KLT550-4NP	82213	RSMC2	513	w/o
KLT550-4NP-T	82214	RSMC2	513	MC/R
KLT550-4P	82215	RSMC2	511	w/o
KLT550-4P-T	82216	RSMC2	511	MC/R
KLT550-5	82217	RSB2	w/o	w/o
KLT550-5TR	82218	RSB2	504	w/o

*Tanks shipped empty.

Welding Handle:	WH550
Welding & Rosebud Brazing Tip:	Type 17 #2, #15
Thruster® Tip:	AT3 Thruster® Acet./Air Tip
Adaptor:	F11 Gas/Air Adaptor
Cutting Attach:	CA550
Cutting Tip:	5-101 #0
Oxygen Regulator:	RSO
Accessories:	H32A 12-1/2 ft. Twin Hose WG52 Goggles FL34 Flint Lighter



KLT550-4C-T

Welding Handles and Cutting Attachment

CA550 Cutting Attachment

Advanced state-of-the-art design, with heavy duty one-piece solid copper mixer, provides superior performance and lasting service. Cuts up to 2" steel using proper series 5 cutting tips.

F11 Adaptor - Adaptor converts the 71 and WH550 Welding Handles to use Gas/Air tips for brazing and soldering w/o the use of cylinder oxygen.

Part #	UPC #	Head Angle	Type Head	Length (in)	Wt. (oz.)
CA550	02600	90°	Forged	8	15



71 Welding Handle

Compact, light weight, two tube silver brazed construction with front stainless steel ball point valves for one-hand fingertip control and positive shutoff. Welds up to 1/4" steel and brazes up to 6" copper tubing using proper tips.

Part #	UPC #	Length (in)	Wt. (oz.)	"A" Hose Connection
71	00300	6	8	3/8" - 24RH, Oxygen 3/8" - 24LH, Fuel Gas



WH550 Welding Handle

Sturdy tube and handle design with internal O-ring seals for added safety. Rear stainless steel ball point valves for accurate gas control and positive shut off. Welds up to 1/4" steel and brazes up to 6" copper tubing using proper tips.

Part #	UPC #	Length (in)	Wt. (oz.)	"A" Hose Connection
WH550	00550	8-1/2	8	3/8" - 24RH, Oxygen 3/8" - 24LH, Fuel Gas



Welding and Brazing Tips

All Type 17 welding tips fit both the 71 and WH550 welding handles.

Welding tips come complete with elbow, mixer and nut. Individually packaged on an attractive 6-color point of purchase display card. Various fuel gases may be used such as Acetylene, Propane, Mapp®, and Natural gas. Note: The oxygen consumption (Standard Cubic Feet per Hour) is 1.1 times the acetylene for a neutral flame. The oxygen consumption will vary when using other fuel gases.



X-25R Small O-Ring

X-26R Large O-Ring

Tighten the tip nut firmly hand-tight

Part #	UPC #	Acetylene Consump.	Acety./Fuel Pressure	Oxygen Pressure	Welding Metal Thkns.	Brazing Copper Tubing	Rplcmt. Elbow Type 17E	Rplcmt. Mixer & Nut UM17
#000	30250	1-2	5	5	1/32	1/8	#000	UM17-000
#00	30251	2-3	5	5	3/64	1/4	#00	UM17-000
#0	30252	2-4	5	5	5/64	1/2	#0	UM17-0
#1	30253	3-6	5	5	3/32	3/4	#1	UM17-0
#2	30254	5-10	5	5	1/8	1	#2	UM17-2
#3	30255	8-18	6	7	3/16	1-1/2	#3	UM17-3
#4	30256	0-25	7	10	1/4	2	#4	UM17-4
#5	30257	15-35	8	12	N/A	3	#5	UM17-5
#6	30258	25-45	9	14	N/A	4	#6	UM17-5
#7	30259	30-60	10	16	N/A	6	#7	UM17-5

Uniweld

Cutting Tips

This series of cutting tips fits the CA550 cutting attachment. A wide selection is available depending on capacity and fuel gases. Individually packaged on an attractive 6-color point of purchase display card. Also available in individual boxes (to order, drop the (D) from the part number).



5-101 Series



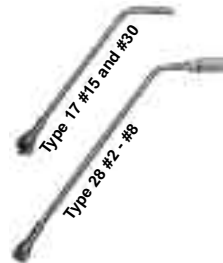
5-200 Series

Tighten the tip nut wrench tight

Part #	UPC #	Cutting Oxygen SCFH	Oxygen PSIG	Acet/Fuel PSIG	Cutting Tip Guide (in)	Desc.
5-101						
#00D	34505	30-35	20-25	5	1/4	Acetylene
#0D	34506	40-60	20-30	5	1/2	6 preheats for general purpose cutting.
#1D	34507	80-85	30-35	5	3/4-1	
#2D	34508	140-180	35-40	7	1-2	
5-200						
#0D	34530	40-60	20-30	5	1/2	Propane 8 preheats for general purpose cutting.
#1D	34531	80-85	30-35	5	3/4-1	
#2D	34532	140-180	35-40	7	1-2	
5-200M						
#0D	34555	40-60	20-30	5	1/2	Mapp®, Propylene 8 preheats for general purpose cutting.
#1D	34556	80-85	30-35	5	3/4-1	
#2D	34557	140-180	35-40	7	1-2	

Rosebud Heating Tip

These tips are ideal for brazing, soldering and heating. Select from two overall lengths (7" and 12") that are available in various size capacities. They are compatible with both the 71 and WH550 welding handles. The 7" Rosebud is ideal for brazing large copper pipe in tight work areas. Rosebud tips come complete with elbow, mixer and nut. Individually packaged on an attractive full color point of purchase display card.

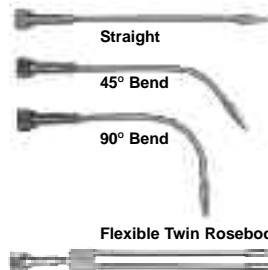


Part #	UPC #	Overall Lgth (in)	Acety. SCFH	Oxygen Pressure PSIG	Acety. Pressure PSIG	Brazing Copper Tubing Guide (in)	Rplcmt. Mixer & Nut
Type 17							
#15	31170	7	15	12	10	1/8-2-5/8	UM17-5
#30	31171	7	30	15	12	1/2-6	UM17-5
Type 28							
#2	31450	12	9	8	7	1/8-1-5/8	UM17-5
#4	31451	12	14	12	10	1/2-3	UM17-5
#6	31452	12	30	15	12	1/2-6	UM17-5
#8	31453	12	60	25	15	6-8	UM17-5
Type 28TE Replacement Tip ends only							
#2	31460						
#4	31461						
#6	31462						
#8	31463						

Cleaning: Use a Uniweld TCSD Tip Cleaner for cleaning holes and removing splatter from the tip face.

Flexible Brazing Tip and Twin Rosebud Heating Tip

These flexible tips can be shaped & reshaped for the next application. The welding tip and the twin rosebud heating tip both fit the 71 and WH550 welding handles. The flexible brazing tip and the twin rosebud tip have an overall length of 9". The twin rosebud tip has (2) Type 17 #30 tip ends with brazing capacity of up to 12" copper pipe.



Part #	UPC #	Acety. SCFH	Oxygen Pressure PSIG	Acety. Pressure PSIG	Brazing Copper Tubing Guide (in)	Rplcmt. Elbow	Rplcmt. Mixer & Nut
Type 17 #9	31181	4	5	5	Up to 7/8	Type 17E #9	UM17-5
Type 13 #8VM	31161	60	25	15	4-12	Type13E #8	UM17-5

AIR/GAS

Twister® Tips

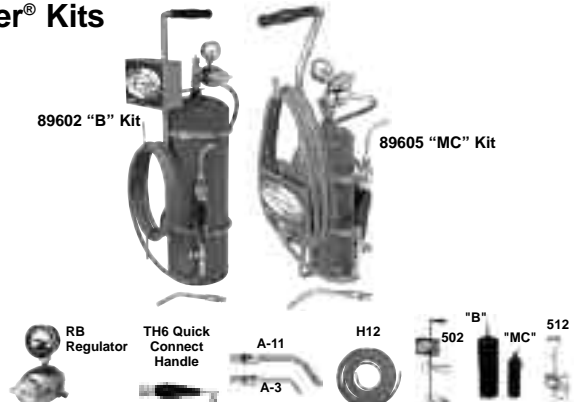
The air/acetylene Twister® is our most popular air/gas flame tool for the plumber and HVAC tradesmen. The Twister® swirl combustion tips produce a high energy efficient flame that is stable even in windy conditions. A helical blade inside the tip premixes the fuel gas and air to achieve maximum combustion. This type of flame technology maximizes the BTU's making the heat transfer the fastest of all air/acetylene flame tools.



Copper Tubing Capacity

Part #	UPC #	Soft Solder (in)	Silver Solder (in)	Part #	UPC #
A-3	43020	1/4 - 1	1/8 - 1/4	AS-3	43025
A-5	43021	3/4 - 1-1/2	1/4 - 3/4	AS-5	43026
A-8	43022	1 - 2	1/2 - 1	AS-8	43027
A-11	43023	1-1/2 - 3	7/8 - 1-5/8	AS-11	43028

Twister® Kits



Part #	Type of Regulator	Connect Handle	Twister® Tips	Acetylene Hose Type	Stands/Tanks
Quick Connect					
89600	RB Acet. Regulator		A-3, A-11 Twister® Tips		without/cylinder
89602	RB Acet. Regulator		A3, A-11 Twister® Tips		502 Carrying Stand w/ "B" Acetylene Tank*
89603	RMC Acet. Regulator		A-3, A-11 Twister® Tips	H12	without/cylinder
89605	RMC Acet. Regulator		A-3, A-11 Twister® Tips	12-1/2 ft. Acetylene Hose	512 Carrying Stand w/ "MC" Acetylene Tank*
89620	RB Acet. Regulator	TH6 Quick Connect Handle with Rear Control Valve	A-5 Twister® Tips		without/cylinder
89621	RB Acet. Regulator		A-5 Twister® Tips		502 Carrying Stand w/ "B" Acetylene Tank*
89622	RMC Acet. Regulator		A-5 Twister® Tips		without/cylinder
89623	RMC Acet. Regulator		A-5 Twister® Tips		512 Carrying Stand w/ "MC" Acetylene Tank*
Screw Connect					
89608	RB Acet. Regulator		A-3, A-11 Twister® Tips		without/cylinder
89609	RB Acet. Regulator		A3, A-11 Twister® Tips		502 Carrying Stand w/ "B" Acetylene Tank*
89610	RMC Acet. Regulator		A-3, A-11 Twister® Tips	H12	without/cylinder
89611	RMC Acet. Regulator		A-3, A-11 Twister® Tips	12-1/2 ft. Acetylene Hose	512 Carrying Stand w/ "MC" Acetylene Tank*
89624	RB Acet. Regulator	TH3 Quick Connect Handle with Rear Control Valve	A-5 Twister® Tips		without/cylinder
89625	RB Acet. Regulator		A-5 Twister® Tips		502 Carrying Stand w/ "B" Acetylene Tank*
89626	RMC Acet. Regulator		A-5 Twister® Tips		without/cylinder
89627	RMC Acet. Regulator		A-5 Twister® Tips		512 Carrying Stand w/ "MC" Acetylene Tank*

*Tanks shipped empty.

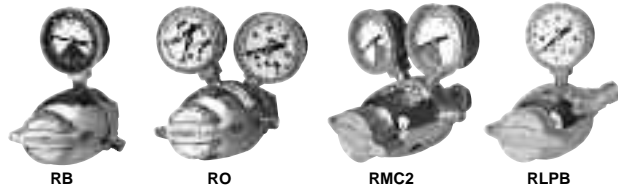
Welding

Uniweld

FLAME TOOL ACCESSORIES

R Series Regulators

- Compact design with rear inlet service and various CGA cylinder connections
- Forged brass body with polished chrome plated bonnet
- Low profile forged brass pressure adjusting screw
- Specially compounded diaphragm and seat material
- 1-1/2" gauges with one piece polycarbonate lenses
- UL Listed



Gas Service	Part #	UPC #	CGA Inlet	Outlet Conn.	1-1/2" Gauges Delivery/Contents	Delivery PSI
Oxygen	RO	12000	540	"A" RH	100/4000	2-60
	ROB	12001	540	"B" RH	100/4000	2-60
Acetylene	RW	12002	510	"A" LH	30/400	2-15
	RWB	12003	510	"B" LH	30/400	2-15
	RCA	12004	300	"A" LH	30/400	2-15
	RCAB	12005	300	"B" LH	30/400	2-15
	RMC	12006	200	"A" LH	Contents	2-15
	RMC2	12007	200	"A" LH	30/Contents	2-15
	RMC40	12008	200	"A" LH	1 Plug/Contents	2-15
	RMCW+	12009	200	"A" LH	Contents	2-15
	RB	12010	520	"A" LH	Contents	2-15
	RB2	12011	520	"A" LH	30/Contents	2-15
	RB40	12012	520	"A" LH	1 Plug/Contents	2/15
RBW+	12013	520	"A" LH	Contents	2-15	
LP Fuel Gas	RLP	12014	510	"A" LH	60 Delivery/1 Plug	2-50
Mapp [®]	RLPB	12015	510	"B" LH	60 Delivery/1 plug	2-50
Argon	RAR**	12016	580	5/8-18RH-F	40scfh/4000	10-40scfh
Nitrogen	R15NI	12018	580	"B" RH	100/4000	2-60

All "A" Outlet fitting models available with "B" Outlet fitting. To order, add "B" to the Part No. Pressure relief devices are not designed to protect downstream equipment. **The (RAR) Argon regulator uses a 10/40scfh flowgauge to measure Argon flow. +Dual delivery outlet.

Spiral Cleaners

- Quality aluminum case - Cleaning data stamped on back of case
- Rustproof, high quality stainless steel wire
- Strongest construction; spiral is roll-formed
- Exclusive LOCK-IN-KNOT on small wires
- Long spiral cleans larger number of tip styles
- Tapered pilot ends will not damage tip orifice
- Hard steel file included in each case
- Free name and address on cover of 144 sets or more ordered (2 lines, 31 letters per line)
- Customized company logo printed on our blue anodized or aluminum cover available

Part #	UPC #	Desc.
TCSD	26060	Standard sizes 75-49
TCJD	26062	Jumbo sizes 48-30
TCMD	26064	Master sizes 75-30
TCPD	26061	Propane sizes 67-49, plus 3 blades for spline cleaning.
TCLD	26063	Xtra Long sizes 75-49. (Box of 6)

"D" denotes display card



Check Valves

- Helps protect against reverse flow of gases
- Conforms to OSHA safety standards, UL Listed*
- Easy to install, test and service
- Color coded for easy identification Green for oxygen - Red for fuel gas



Single	9/16" - 18 "B" Fitting*				3/8"-24 "A" Fitting	
	Regulator**		Torch		Torch	
	Part #	UPC #	Part #	UPC #	Part #	UPC #
Oxy	RCV100	10201	TCV100	04051	TCV10	02651
Fuel	RCV101	10202	TCV101	04052	TCV11	02652
Display Set of (1) Oxy & (1) Fuel	RCVB	10200	TCVB	04050	TCVA	02650

Check valves provide added protection against reverse flow of gases, but not flame flashback. They should be tested for leakage and flow regularly. Check valves on regulators give best service life. **For "A" Outlet regulators use adaptor F58R or F58L to connect "B" size regulator check valves on small portable outlets.

Flashback Arrestors

A backfire or flashback occurs when mixed gases are ignited in the torch, hose or regulator. Uniweld flashback arrestors are designed specifically to help prevent and stop these dangerous situations by preventing reverse flow of gases and quenching backfires and flashbacks at the torch or regulator.

- Stops backfire and flashback by quenching the flame at the torch or regulator
- Built in check valve UL Listed*
- Available for torch and regulator

Flashback arrestors should be installed at the torch to help protect the technician and at the regulator to help protect equipment.



Single	9/16" - 18 "B" Fitting*				3/8"-24 "A" Fitting		
	Regulator		Torch		Regulator		Torch
	Part #	UPC #	Part #	UPC #	Part #	UPC #	UPC #
Oxy	RFA100	10206	TFA100	04056	RFAM100	10211	TFAM100 04061
Fuel	RFA101	10207	TFA101	04057	RFAM101	10212	TFAM101 04062
Display Set of (1) Oxy & (1) Fuel	RFAB	10205	TFAB	04055	RFAA	10210	TFAA 04060

ALLOYS

Phos-Copper Brazing Alloys

Ideal for brazing tubing in the refrigeration, air conditioning, plumbing and maintenance trades.

Phos-Copper Alloys may be used for joining copper to copper and copper to brass base metals. No flux is required when brazing copper to copper but is required when brazing copper to brass base metals.



UNI-1000

- Superb free flowing characteristics
- Ideal for brazing joints with close tolerances
- Can be applied to such uses as brazing phosphor bronze chemical hardware, naval brass condenser plates, and manganese bronze pump rods and shafts

UNI-1002

- Broad melting range and medium flow
- Good for bridging across large gaps and for brazing small fillets
- Well suited for brazing nickel silver optical goods, leaded bronze forgings, and yellow brass bellows

UNI-1005

- Broad melting range
- Good for filling large gaps and poor fit-up areas, as well as brazing larger fillets
- Brazing copper tubing for plumbing, brass pump liners and phosphor bronze flexible hose

- continues -

Uniweld

Phos-Copper Brazing Alloys (continued)

UNI-1006

- Extremely fluid
- Excellent on tight fit-up joints and precise tolerances.
- Extremely versatile
- Used to braze beryllium copper spark resistant tools, nickel marine heat exchangers, and manganese bronze marine hardware

UNI-1015

- Wide melting range
- Flows quite slowly
- Best for joints with large clearance, poor fit-up areas and large fillets
- Brazing nickel silver plated flatware, leaded brass wheels and pinions, and red brass grillwork

Product Designation	% Ag	Part #'s				AWS Class Per A5.8	Solidus (Melting pt.) °F	Liquidus (Flow pt.) °F	Brazing Temp °F
		3/32 x 18 rd		.050 x 1/8 x 18					
		1 lb.	25 lb.	1 lb.	25 lb.				
UNI-1000	0	A11F1	A11FC	A11T1	A11TC	BCuP-2	1310	1476	1350-1550
UNI-1002	2	A91F1	A91FC	A91T1	A91TC	BCuP-6	1190	1450	1350-1500
UNI-1005	5	A21F1	A21FC	A21T1	A21TC	BCuP-3	1190	1495	1325-1500
UNI-1006	6	A31F1	A31FC	A31T1	A31TC	BCuP-4	1190	1465	1275-1450
UNI-1015	15	A41F1	A41FC	A41T1	A41TC	BCuP-5	1190	1475	1300-1500

High Silver Cadmium-Free Silver Brazing Alloys

UNI-1035

- Sluggish flow characteristics
- Well suited for carbide tip brazing onto cutting tools
- Most popular for brazing steam turbine blades made of 403 or 410 stainless steel
- deal for brazing the following base metals: Steel, Copper and Copper Alloys, Nickel and Nickel Alloys



UNI-1045

- Broad melting range
- Well suited to side clearances
- Popular in electrical, food and dairy industries
- Ideal for brass parts
- Ideal for brazing the following base metals: Brass, Steel, Nickel and Nickel Alloys, Copper and Copper Alloys

UNI-1056

- Low melting point
- Very well suited to brazing leaded brass
- Brazing of screw machine parts, pump cylinders and gears
- Ideal for brazing the following base metals: Nickel and Nickel Alloys, Stainless Steel

Product No.	% Ag	Part #s						AWS Class Per A5.8	Solidus (Melting Point) °F	Liquidus (Flow Point) °F	Brazing Temp. °F
		1/16 x Coil			3/32 x Coil						
		1T oz.	3T oz.	5T oz.	1T oz.	3T oz.	5T oz.				
UNI-1035	35	A83DT	A83DU	A83DV	A83FT	A83FU	A83FV	BAG-35	1265	1390	1390-1650
UNI-1045	45	A63DT	A63DU	A63DV	A63FT	A63FU	A63FV	BAG-5	1225	1370	1370-1550
UNI-1056	56	A53DT	A53DU	A53DV	A53FT	A53FU	A53FV	BAG-7	1145	1205	1205-1400

Silver Bearing Solder Unibrite-1450A Acid flux cored lead free silver bearing solder

- Free of cadmium, zinc or antimony
- Retains bright, shiny finish
- Extremely narrow plastic range
- High tensile strength
- Stronger than lead tin solders



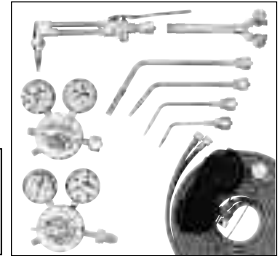
Product Designation	Part Numbers 1 lb. Spool				Solidus (Melting pt) °F
	1/16" x 10"	1/16"	3/32"	1/8"	
Unibrite-1450A	B1KD9	B14D1	B14F1	B14H1	430

CUTTING & WELDING OUTFITS

– V STYLE OUTFITS –

Roughneck

The Roughneck is a complete heavy duty outfit with all the necessary components for industrial & commercial applications including cutting, brazing, heating and welding.



Capacity	As Supplied	With Optional Tips
Cutting range	3/4"	8"
Welded Range	1/2"	3"
Heating Range	30/80 CFH acet.	90/220 CFH acet.
	118,000 BTU/HR.	324,000 BTU/HR.

Part #	Torch Handle	Cutting Atchmt.	Cutting Tip	Weld/Braze Tip	Heating Tip	Oxygen* Regulator	Acetylene* Regulator
OPH1-780A	WH360	780A	1-101 Size 1	Type 4 Size 1, 3, 5	Type 11 Size 8	RV8010 CGA540	RV8011 CGA510

Accessories: Twin Hose 25'-1/4" "B", Goggles, Lighter

* Dual scale gauges and other regulator connections available upon request. To order with CGA300 add (-1) to part number.

Professional

- The Professional is a basic heavy duty cutting outfit. The ultimate for construction and industrial applications. Additional accessories are required.
- The KV outfit includes the RV Series regulators which incorporate a durable stainless steel diaphragm, an accessible seat assembly, and easy to read single scale brass cased 2-1/2" gauges.
- KR outfit includes the RUH83 series regulators which incorporate a tri-layered reinforced diaphragm, a heavy duty nozzle & seat assembly, and easy to read single scale 2-1/2" gauges.
- The outfits come with either our 830 or 850 series Cutting Torches which have precision CNC machined forged body and a time tested universal mixer for all fuel gases 3 PSIG and above with the proper tip.



Metal Thickness	
Cutting range with proper tip	up to 12"

Part #	Hand Cutting Torch	Oxygen* Regulator 5-125-PSIG	Acetylene* Regulator 2-15 PSIG	Gauges (in)
KR830-21	830-21 (90°)	RUH8310	RUH8311	2-1/2

* Dual scale gauges and other regulator connections available upon request. To order with CGA30 add (-1) to part number.

All American - KAV780A

This All American is a basic heavy duty outfit with the necessary components for industrial and commercial applications including cutting, brazing and welding. Optional equipment may be added as needed.



Capacity	As Supplied	With Optional Tips
Cutting range	3/4"	8"
Welded Range	3/32"	3"
Heating Range	—	90/220 CFH acet.
		324,000 BTU/HR.

Part #	Torch Handle	Cutting Atchmt.	Cutting Tip	Weld/Braze Tip	Oxygen* Regulator	Acetylene* Regulator
KAV780A	WH360	780A	1-101 Size 1	Type 4 Size 1	RV8010 CGA540	RV8011 CGA510

Accessories: Twin Hose 20'-1/4" "B", Goggles, Lighter

* Dual scale gauges and other regulator connections available upon request. To order with CGA300 add (-1) to part number.

Welding

Uniweld

All American - KM350

This All American is a basic medium duty outfit with the necessary components for industrial and commercial applications including cutting, brazing and welding. Optional equipment may be added as needed.



Capacity	As Supplied	With Optional Tips
Cutting Range	1/2"	6"
Welding Range	1/8"	1-1/4"
Heating Range	—	30/80 CFH acet. 118,000 BTU/HR.

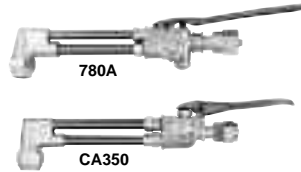
Part #	Torch Handle	Cutting Atchmt.	Cutting Tip	Weld/Braze Tip	Oxygen* Regulator	Acetylene* Regulator
KM350	WH350	CA350	3-101 Size 0	Type 13 Size 2	MR8210 CGA540	MR8211 CGA510

Accessories: Twin Hose 20'-3/16" "B", Goggles, Lighter

* Dual scale gauges and other regulator connections available upon request. To order with CGA300 add (-1) to part number.

V Style Cutting Attachments

- Unique one piece copper universal mixer sets the industry standard for all fuel gases 3 PSIG and above with the proper tip.
- Forged brass head and body precision CNC machined.
- Copper nickel tubes for strength and heat dissipation.
- Stainless steel ball point valve for accurate gas control and positive shutoff.
- Stainless steel high pressure cutting oxygen lever.

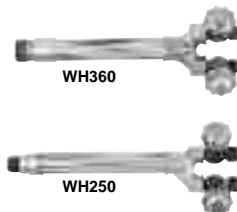


Part #	Length (in)	Weight (oz)	Head Angle (°)	Cutting Cap. (in)	Compatible Torch Handles
780A	10-1/2	32	90	8	WH360/WH360L
CA350	8	15	90	6	WH350

Please call for more information on these and other Cutting Attachments.

V Style Torch Handles

- Proven reliable design.
- Torch handles are used with all fuel gases, acetylene, Mapp®, propane, butane, natural gas, hydrogen and propylene.
- Stainless steel ball point valves for accurate gas control and positive shutoff.
- O-ring sealed tube within a tube construction for long life and easy maintenance.
- Easy to hold ribbed brass handle.



Part #	UPC#	Length (in)	Weight (oz)	Hose Conn.	Welding Cap. (in)	Heating Cap.	Compatible Cutting Attach.
WH360	00150	9	18	"B" 9/16" - 18 Thread	3	324,000 BTU/acet.	780A (90°) 3-780A (90°) 780 (75°) 3-780 (75°) 780B (180°)
WH250	00001	8-1/2	12	"B" 9/16" - 18 Thread	1/4	88,000 BTU/acet.	CA250 (90°) CA550 (90°)

V Style Hand Cutting Torches

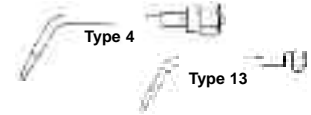
- Precision CNC machined forged brass head and body.
- Copper nickel tubes for strength and heat dissipation.
- Stainless steel ball point valves for accurate gas control and positive shutoff.
- Stainless steel high pressure cutting oxygen lever.
- Visible external reverse flow check valves for ease of testing and service.
- Time tested universal mixer for all fuel gases 3 PSIG and above with proper tip.
- Capable of cutting up to 12" with proper tip.



Part #	UPC #	Cutting Cap. (in)	Torch Lgth. (in)	Torch Wt. (oz)	Lever Position
830-21	04001	12	21	58	Top Rear
850-21	04101	12	21	58	Bottom Rear

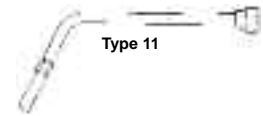
V Style Complete Welding Tips

Oxy/Acetylene/Hydrogen / Mapp®/Propane/Natural Gas



Tip Type Part #	Available Tip Sizes	Use with Welding Torch Series	Application	Elbow Tip Thread Spec. Mixer End	Mixer Thread Spec.
Victor® Mix Style					
Type 4 (W)	000 - 4	WH360, WH360L	Welding Heating Brazing Soldering	5/16" - 27(M)	5/16" - 27(F)
	5 - 10			7/16" - 20(M)	7/16" - 20(F)
Victor® Style					
Type 13 (W-1)	000 - 4	WH350	Welding Heating Brazing Soldering	5/16" - 27(M)	5/16" - 27(F)
	5, 6, 7			3/8" - 24(M)	3/8" - 24(F)

V Style Complete Heating Tip Oxy/Acetylene

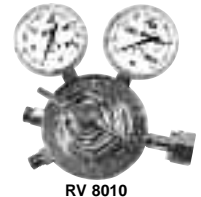


Tip Type Part #	Available Tip Sizes	Use with Welding Torch Series	Application	Elbow Tip Thread Spec. Mixer End	Mixer Part # Thread Spec.
Victor® Style					
Type 11 (MFA)	5, 6, 8	WH360, WH360L	Pre-Heating Straightening	5/16" - 27(M)	UM11 5/16" - 27(F)
	10, 12, 15			1/2" - 27(M)	UM11-1 1/2" - 27(F)

REGULATORS - SINGLE STAGE

RV 80 Heavy Duty Series

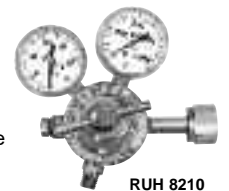
- Forged brass body and bonnet
- Easy-to-read single scale 2-1/2" gauges
- 3-1/4" Stainless Steel diaphragm
- Heavy duty mechanical stem type seat & nozzle assembly
- Delrin bushing for smooth flow adjustment
- Removable back plug for ease of seat service
- Porous metal inlet filter (except CO₂ models)
- Fine mesh filter screen between inlet seat and body
- Pressure relief device for low pressure gauge protection only
- UL Listed



Single Stage Part #	UPC #	CGA Inlet	Outlet Connection	Del. PSIG	Replacement 2-1/2" Gauges Part #
RV8010	10010	Oxygen 540	"B" (RH) 9/16" - 18(M)	5-125	G24, 200 PSI G27, 4000 PSI
RV8011	10012	Acetylene 510	"B" (LH) 9/16" - 18(M)	2-15	G22, 30 PSI G21, 400 PSI

RUH82 Medium Duty Series

- Machined brass body
- Polished chrome bonnet
- Easy-to-read single scale 2" gauges
- 2" tri-layered reinforced neoprene diaphragm
- Heavy duty mechanical stem type seat & nozzle assembly
- Delrin bushing for smooth flow adjustment
- Porous metal inlet filter (except CO₂ models)
- Fine mesh filter screen between inlet seat and body
- Pressure relief device for low pressure gauge protection only
- UL Listed



Single Stage Part #	UPC #	CGA Inlet	Outlet Connection	Del. PSIG	Replacement 2-1/2" Gauges Part #
RUH8210	11000	Oxygen 540	"B" (RH) 9/16" - 18(M)	5-125	G4S, 200 PSI G7S, 4000 PSI
RUH8211	11001	Acetylene 510	"B" (LH) 9/16" - 18(M)	2-15	G2S, 30 PSI G1S, 400 PSI

Uniweld

R Light Duty Series

- Forged brass body
- Polished chrome bonnet
- Easy-to-read single scale 1-1/2" gauges
- 1-5/8" tri-layered reinforced neoprene diaphragm
- Mechanical stem type seat
- Porous metal inlet filter
- Rear inlet cylinder connection
- Forged brass adjusting screw with locking retaining ring
- Blow off disc type pressure relief for low pressure gauge protection only
- UL Listed



Single Stage Part #	UPC #	CGA Inlet	Outlet Connection	Del. PSIG	Replacement 2-1/2" Gauges Part #
RMC	12006	Acetylene 200	"A" (LH) 3/8" - 24(M)	2-15	G19, Contents (400 PSI Max)
RB	12010	Acetylene 520	"A" (LH) 3/8" - 24(M)	2-15	G19, Contents (400 PSI Max)

ACCESSORIES

TWIN HOSES:

Hose connections: "A" 3/8" - 24, "B" 9/16" - 18

Part #	UPC #	Lgth. (ft)	Conection
*Twin Hose 3/16", Oxy/Acetylene			
H32A	43510	12-1/2	"A"
H32B	43512	12-1/2	"B"
H32AB	43511	12-1/2	"AB"
H33A	43513	25	"A"
H33B	43515	25	"B"
H33AB	43514	25	"AB"
*Twin Hose 1/4", Oxy/Acetylene			
H43B	43520	25	"B"
H44B	43521	50	"B"
H100B	43522	100	"B"



* Twin hose available by the reel and special lengths, contact customer service.

FILE FLINT LIGHTERS:

- **FL3437** (UPC# 43403) - Round file flint lighter with fling renewals on point of purchase card
- **FL34** (UPC# 43404) - Round file flint lighter (box of 10)
- **FL37** (UPC# 43405) - Fling renewals (pkg. of 5)
- **FL35** (UPC# 43406) - Triple flint lighter
- **FL36** (UPC# 43407) - One of 3 fling renewal unit



WRENCHES:

- **W94** (UPC# 43410) - B and MC box wrench
- **W05** (UPC# 43408) - B and MC combination wrench for cylinders, torches, and "A" size hose nuts
- **W06** (UPC# 43409) - 6 Way wrench for torches, cylinders & hose



GOGGLES:

- **WG52** (UIPC# 43401) - Welding Goggles eyecup type
- **WG53** (UPC# 43402) - Welding goggles can be worn with glasses



ALLOYS

Brazing Flux

Flux:

- **UNI-1000:** Silver brazing flux
- **UNI-1500:** General brazing flux



Maintenance and Repair Alloys: Mild Steel

- **UNI-2000:** A premium mild steel electrode. Commonly used on applications requiring short spot welds because of easy restrike characteristics.
- **UNI-2400:** A chamfering or gouging electrode. It is a high performance preparation tool and works well with all ferrous and non-ferrous metals.



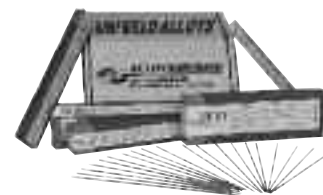
Wear Facing:

- **UNI-6000:** Recommended for severe abrasion applications along with moderate impact. Used heavily in construction, mining, brick and clay industries
- **UNI-6200:** An extremely tough built-up alloy with compressive strength. Applications include building up and padding of carbon and low alloy steels.

ARC Welding Electrodes

AWS Specification Grades: Mild Steel

- **UNIPIPE®-6:** A deep penetrating low splatter all purpose electrode for mild steels. This electrode is usable in all positions and has a wide range of applications including tanks, pipe welding, steel casting repairs machinery parts and structural fabrication.
- **UNI-6011:** An all position electrode designed for use with AC power sources. It is used on a wide range of steel based metals, has a fine spray transfer, and a high or welder appeal in all positions.
- **UNI-6013:** A low penetration, easy welding all position electrode for mild steels. It works well even with poor fit-up, smooth flat bead appearance, and has easy slag removal.
- **UNI-7014:** A modified iron powder, mild steel electrode. It has high speed deposition, smooth arc transfer with low penetration, works well with poor fit-up joints, and good restrike characteristics.
- **UNI-7018:** A low hydrogen electrode. It produces X-ray quality welds, high impact fracture resistance, and eliminates weld defects on problem steels.
- **UNI-7018AC:** This is a general purpose electrode for low, medium and high carbon steels and some high strength low alloy steels. It is also excellent for skip or tack welders.
- **UNI-11018M:** A low hydrogen low alloy electrode. It is designed for application requiring at least 100,000 psi tensile strength, good ductility, and crack resistance along with high notch toughness at temperatures of -60°F.



AWS Specification Grades: Cast Iron

- **UNI-55:** A nickel-iron electrode for welding cast iron. It has higher strength and ductility than the straight nickel electrodes. Deposits are machinable but harder and more resistant to abrasion than UNI-99.
- **UNI-99:** A nickel electrode for welding cast iron. For repair of castings when machining is to be done after welding. High nickel content with an extruded coating.

