

# Firepower®



**OxyFuel Brochure**



[VictorTechnologies.com](http://VictorTechnologies.com)

### Firepower® Products

Victor Technologies™, a leader in metal cutting, gas control and specialty welding solutions, is meeting the needs of people who demand professional-quality results, through a refined portfolio of Firepower branded products. These products represent the leading edge in design, performance, quality and safety, backed by 100 years of proven innovation.

### Performance, Value and Ease of Use

The latest Firepower OxyFuel range offers superior performance, excellent value and ease-of-use that helps the craftsman get the job done right the first time. The torch and regulator range is the heart of this new family, with system solutions and components designed for individual needs.

This product range will perform a wide spectrum of tasks, from brazing sheet metal to cutting up to six inch thick steel. Professionals from auto repair, construction, farm/ranch, skilled trades and serious do-it-yourselfers will find the superior solutions they need.

Firepower draws on the heritage and quality of Victor® gas equipment, and has the advantage of utilizing that excellence in product support, service, and application know-how.



**CUTTING**

### ACETYLENE CUTTING TIPS



OxyFuel 350  
SERIES 1  
or  
OxyFuel 250  
SERIES 3

### NATURAL GAS CUTTING TIPS



OxyFuel 350  
SERIES 1  
or  
OxyFuel 250  
SERIES 3

\*NOTE: For use with fuel gas other than Acetylene, proper tips, regulators or T-grade hoses may be required.



**HEATING**

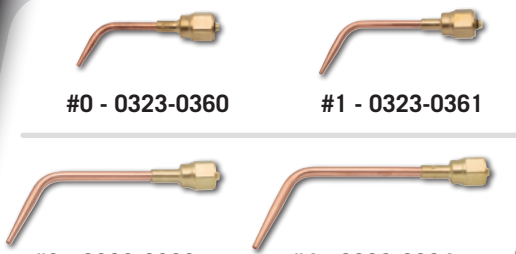


#4 - 0323-0270

#6 - 0323-0271



**WELDING**



#0 - 0323-0360

#1 - 0323-0361

#3 - 0323-0363

#4 - 0323-0364

### OxyFuel Regulators

#### OXYGEN



0781-9829

#### ACETYLENE



0781-9830

Full range of Cutting, Heating and Welding products for multiple gas types.

A flexible and versatile platform catered to applications from brazing thin sheet metal to cutting six inch thick steel we have the solution...

**PROPYLENE CUTTING TIPS**



OxyFuel 350 SERIES 1  
or  
OxyFuel 250 SERIES 3



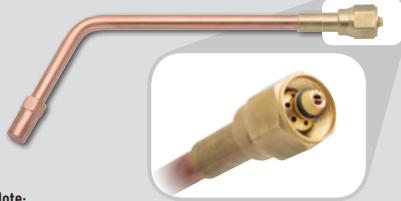
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0381-0759

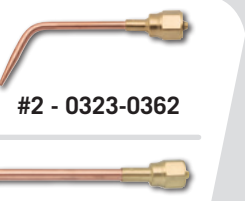


#8 - 0323-0272

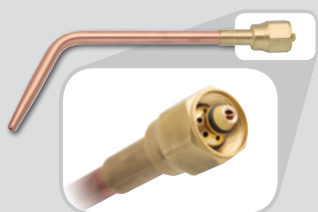


Note:

1. "W" Nozzles Fits 7/8" Thread OxyFuel 250-350 Handles
2. "W-1" 5/8" Thread OxyFuel 150 Nozzles Also Available
3. Heating Nozzles Are Not Recommended For Use With Tote Outfits, 0916-0032 and 0916-0033 Tanks.



#2 - 0323-0362



Note:

1. "W" Nozzles Fits 7/8" Thread OxyFuel 250-350 Handles
2. "W-1" 5/8" Thread OxyFuel 150 Nozzles Also Available

#5 - 0323-0365



0382-0358  
OXYFUEL 250/350 HANDLE

0656-0008  
FLASHBACK  
ARRESTORS

**OxyFuel Outfits**

**250 MEDIUM DUTY**



0384-2571 BOX  
0384-2572 CLAMSHELL

**350 HEAVY DUTY**



0384-2682 BOX  
0384-2684 CLAMSHELL

### OxyFuel 350 Heavy Duty Outfit

#### Specifications

| Part No.  | Description                               | Fuel Gas Type |
|-----------|---|---------------|
| 0384-2682 | OxyFuel 350 Heavy Duty Outfit (Box)       | Acetylene     |
| 0384-2684 | OxyFuel 350 Heavy Duty Outfit (Clamshell) | Acetylene     |



#### FEATURES

- High performance, complete system that meets or exceeds industry standards
- Superior 350 Series high flow color coded regulators
- Complete handle and cutting attachment optimized for multiple gases
- Up to 6" cutting capacity and 1/2" welding
- Flexible versatile platform
- Includes flashback arrestors
- Two year warranty

#### APPLICATIONS

The OxyFuel 350 Heavy Duty Outfit contains premium performance components for professional grade use. Optimized for 1" cut and 1/8" weld out of the box. Suitable for medium to heavy duty fusion welding, braze welding, brazing, heating and hand cutting applications.

#### CONTENTS

Oxygen/Acetylene 350 Series Regulators, 350 Series Cutting Attachment and Handle, Flashback Arrestors, Dual R-Grade Hose 12.5 ft., #1 Cutting Tip, #2 Welding Nozzle, Striker, Protective eyewear and Manual.

### OxyFuel 250 Medium Duty Outfit

#### Specifications

| Part No.  | Description                                | Fuel Gas Type |
|-----------|--|---------------|
| 0384-2571 | OxyFuel 250 Medium Duty Outfit (Box)       | Acetylene     |
| 0384-2572 | OxyFuel 250 Medium Duty Outfit (Clamshell) | Acetylene     |



#### FEATURES

- High performance, complete system that meets or exceeds industry standards
- High performance 250 Series color coded regulators
- Complete handle and cutting attachment optimized for multiple gases
- Up to 5" cutting capacity and 1/2" welding
- Flexible versatile platform
- Two year warranty

#### APPLICATIONS

The OxyFuel 250 Medium Duty Outfit contains premium performance components for the value driven consumer. Optimized for 1/2" cut and 5/64" weld out of the box. Suitable for light to medium duty fusion welding, braze welding, brazing, heating and hand cutting applications.

#### CONTENTS

Oxygen/Acetylene 250 Series Regulators, 250 Series Cutting Attachment and Handle, Dual R-Grade Hose 12.5 ft., #0 Cutting Tip, #0 Welding Nozzle, Striker, Protective eyewear and Manual.

### OxyFuel 250 Tote

#### Specifications

| Part No.  | Description   | Fuel Gas Type |
|-----------|---|---------------|
| 0384-0995 | OxyFuel 250 Outfit, complete with carry tote and empty tanks* | Acetylene     |
| 0384-0996 | OxyFuel 250 Outfit, complete with carry tote, no tanks*       | Acetylene     |



#### FEATURES

- Complete portable system
- Cutting torch and handle are ready for multiple gas options; Oxy-Acetylene, Propane, Butane, Natural & LP Gases, & Propylene
- Simple to use rear mount regulator with high contrast gauges
- Meets or exceeds industry safety standards
- Cut 1/8" (3.2 mm) to 3" (76.2 mm) steel
- Weld up to 1/4" (6.4 mm) Steel
- Constructed with high strength alloys, heavy duty stainless steel and durable brass
- Two year warranty

NOTE: TANKS ARE FOR EXCHANGE ONLY AND ARE EMPTY

#### APPLICATIONS

This OxyFuel 250 outfit complete with carry tote and empty tanks is the ideal entry level starter package. Optimized for 1/2" cut and 1/8" weld out of the box. Suitable for light duty fusion welding, braze welding, brazing and hand cutting applications.\*

#### CONTENTS

Oxygen/Acetylene 150 Series Regulators, 250 Series Cutting Attachment and Handle, cylinder wrench with chain, Dual R-Grade Hose 12.5 ft., #0 Cutting Tip, #2 Welding Nozzle, Striker, Protective eyewear, Tote Carry Pak with storage and Manual. (with or without OX-20 cu. ft. Type "R" and AC-MC10 cu. ft. tanks depending on part no.)

\*Not Recommended For Use With Heating Nozzles Due To Tank Size.

### OxyFuel 250 Replacement Torch Kit

#### Specifications

| Part No.  | Description                       | Fuel Gas Type |
|-----------|-----------------------------------|---------------|
| 0384-2573 | OxyFuel 250 Torch Replacement Kit | All           |



\*NOTE: For use with fuel gas other than Acetylene, proper tips, regulators or T-grade hoses may be required.

#### FEATURES

- Cutting torch and handle are ready for multiple gas options; Oxy-Acetylene, Propane, Butane, Natural & LP Gases, & Propylene
- Ergonomic color coded knobs (Acetylene & Oxygen)
- Meets or exceeds industry safety standards
- Cut 1/8" (3.2 mm) to 5" (127 mm) steel
- Heat using multiple heat nozzles
- Weld up to 1/2" (12.7 mm) steel
- Constructed with high strength alloys and heavy duty stainless steel and durable brass
- Two year warranty

#### APPLICATIONS

This OxyFuel 250 replacement torch kit delivers the latest generation of Victor® professional torch and handle design and operating platform.

#### CONTENTS

250 Series Cutting Attachment and Handle, #0 Cutting Tip, #0 Welding Nozzle, and Manual.

### OxyFuel Acetylene Regulator

#### Specifications

| Part No.  | Description                              | Fuel Gas Type |
|-----------|--|---------------|
| 0781-9827 | OxyFuel 250 Acetylene Regulator, 510 CGA | Acetylene     |
| 0781-9830 | OxyFuel 350 Acetylene Regulator, 510 CGA | Acetylene     |



#### FEATURES

- High performance single stage regulator with precise pressure and flow control
- Large clear gauges enable both inlet and delivery pressures to be read at a glance
- Clear color coding for the correct gas usage
- Forged brass body and high strength alloy bonnet
- Meets or exceeds industry standards
- 9/16" -18 outlet connection (LH)
- Two year warranty

#### APPLICATIONS

The OxyFuel 250 and 350 Acetylene regulators are suitable for a wide range of cutting, heating and welding applications using Acetylene fuel gas only.\*

\*Other Fuels Gas Regulators available @ VictorTechnologies.com

### OxyFuel Oxygen Regulator

#### Specifications

| Part No.  | Description                           | Fuel Gas Type |
|-----------|---------------------------------------|---------------|
| 0781-9826 | OxyFuel 250 Oxygen Regulator, 540 CGA | Oxygen        |
| 0781-9829 | OxyFuel 350 Oxygen Regulator, 540 CGA | Oxygen        |



#### FEATURES

- High performance single stage regulator with precise pressure and flow control
- Large clear gauges enable both inlet and delivery pressures to be read at a glance
- Clear color coding for the correct gas usage
- Forged brass body and high strength alloy bonnet
- Meets or exceeds industry standards
- 9/16" -18 outlet connection (RH)
- Two year warranty

#### APPLICATIONS

The OxyFuel 250 and 350 Oxygen regulators are suitable for a wide range of cutting, heating and welding applications using Oxygen gas only.

### Argon/CO<sub>2</sub> Mixes Flowgauge Regulator

#### Specifications

| Part No.  | Description  | Fuel Gas Type         |
|-----------|--|-----------------------|
| 0781-9832 | Argon/CO <sub>2</sub> Flowgauge Regulator, 580 CGA | Argon/CO <sub>2</sub> |



#### FEATURES

- High performance single stage regulator with precise pressure and flow control
- Large clear gauges enable both inlet and delivery pressures to be read at a glance
- Clear color coding for the correct gas usage
- Forged brass body and high strength alloy bonnet
- Meets or exceeds industry standards
- 9/16" -18 outlet connection (RH)
- Two year warranty

#### APPLICATIONS

The Argon/CO<sub>2</sub> Flowgauge Regulator is suitable for MIG and TIG welding applications using Argon and Argon/CO<sub>2</sub> gas mixtures.

### OxyFuel 150 Tote Regulators

#### Specifications

| Part No.  | Description                                   | Fuel Gas Type |
|-----------|---|---------------|
| 0781-8965 | OxyFuel 150 Tote Acetylene Regulator, 200 CGA | Acetylene     |
| 0781-8966 | OxyFuel 150 Tote Oxygen Regulator, 540 CGA    | Oxygen        |



#### FEATURES

- High performance single stage regulator with precise pressure and flow control
- Large clear gauges enable both inlet and delivery pressures to be read at a glance
- Forged brass body and high strength alloy bonnet
- Meets or exceeds industry standards
- 9/16" -18 outlet connection (LH)
- Standard CGA, rear mount gas connections for Oxygen tote kits
- Two year warranty

#### APPLICATIONS

The Oxyfuel 150 Tote Regulators are suitable for a wide range of cutting, heating, and welding applications.

### High Pressure Regulators

#### Specifications

| Part No.  | Description                           | Fuel Gas Type           |
|-----------|---------------------------------------|-------------------------|
| 0781-9726 | 1500 High Pressure Regulator, 580 CGA | Helium, Argon, Nitrogen |
| 0781-9727 | 3000 High Pressure Regulator, 680 CGA | Helium, Argon, Nitrogen |



#### FEATURES

- 0-4000 PSI cylinder gauge
- Max Inlet 3000
- 2-1/2" diameter gauges
- Brass construction, single stage regulator
- Two year warranty

#### APPLICATIONS

Heavy Duty, high pressure piston regulator.

### Inert Regulator

#### Specifications

| Part No.  | Description                       | Fuel Gas Type |
|-----------|-----------------------------------|---------------|
| 0781-9828 | 250 Inert Flow Regulator, 580 CGA | Inert         |



#### FEATURES

- High performance single stage regulator with precise pressure and flow control
- Large clear gauges enable both inlet and delivery pressures to be read at a glance
- Clear color coding for the correct gas usage
- Forged brass body and high strength alloy bonnet
- Meets or exceeds industry standards
- 9/16" -18 outlet connection (RH)
- Two year warranty

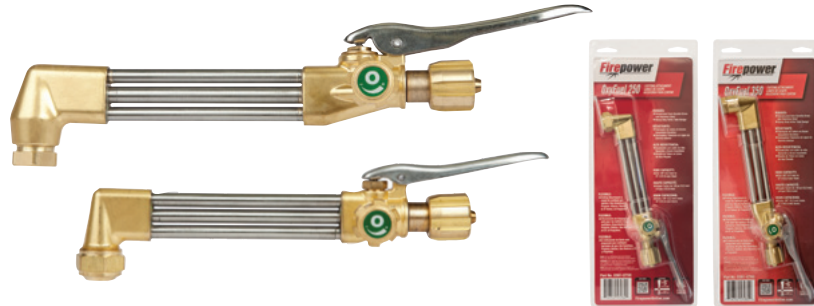
#### APPLICATIONS

The Inert Flowgauge Regulator is designed specifically for use with Nitrogen and Helium gases.

## OxyFuel Cutting Attachments

### Specifications

| Part No.  | Description                    | Fuel Gas Type |
|-----------|--------------------------------|---------------|
| 0381-0759 | OxyFuel 250 Cutting Attachment | All           |
| 0381-0760 | OxyFuel 350 Cutting Attachment | All           |



### FEATURES

- Meets or exceeds Industry Standards
- Attaches quickly and easily to OxyFuel handle (no tools required)
- Cutting oxygen lever securely fitted to the body for ease of operation
- High strength triple stainless steel tube construction with good cutting visibility
- Multi gas operation: Oxy-Acetylene, Propane, Butane, Natural & LP Gases, & Propylene
- Cutting capacity up to 6" (350), up to 5" (250)
- Two year warranty

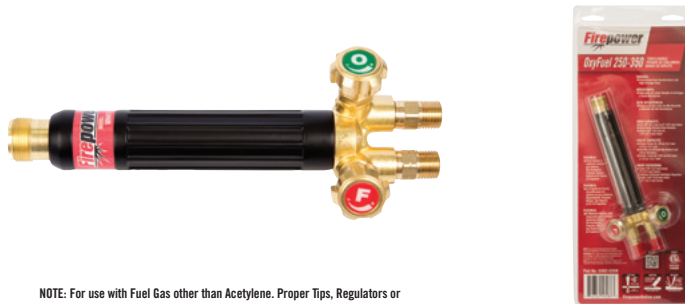
### APPLICATIONS

Suitable for the following processes: hand cutting.

## OxyFuel Cutting/Welding Handle

### Specifications

| Part No.  | Description                  | Fuel Gas Type |
|-----------|------------------------------|---------------|
| 0382-0358 | OxyFuel 250-350 Torch Handle | All           |



NOTE: For use with Fuel Gas other than Acetylene. Proper Tips, Regulators or T-Grade Hoses may be required.



### FEATURES

- Meets or exceeds Industry Standards
- High strength durable brass and alloy handle
- High precision valves for sensitive control for delicate welding jobs
- Easy light up for high flow heating applications
- Multi gas operation: Oxy-Acetylene, Propane, Butane, Natural & LP Gases, & Propylene
- Left and right hand threads prevent incorrect hose connection
- Color coded control knobs are fitted for maximum safety and ease of use, even when wearing gloves
- Two year warranty

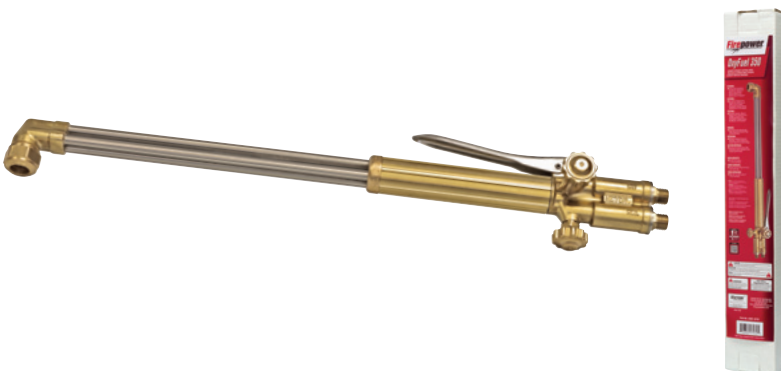
### APPLICATIONS

The OxyFuel Cutting and Welding Handle connects to Oxyfuel Cutting attachments and a complete line of Heating and Welding nozzles. Suitable for the following processes: Fusion welding, braze welding, brazing, soldering, heating, hand cutting.

## OxyFuel Straight Cutting Torch

### Specifications

| Part No.  | Description                              | Fuel Gas Type |
|-----------|--|---------------|
| 0381-0751 | 350 OxyFuel ST900 Straight Cutting Torch | All           |



### FEATURES

- Cutting torch and handle are ready for multiple gas options; Oxy-Acetylene, Propane, Butane, Natural & LP Gases, & Propylene
- Labeled knobs (Acetylene & Oxygen)
- Meets or exceeds industry safety standards
- Cut 1/8" (3.2 mm) to 6" (152.4 mm) steel
- Constructed with high strength alloys, heavy duty stainless steel and durable brass
- Two year warranty

### APPLICATIONS

Suitable for the following processes: hand cutting.



### OxyFuel Hoses

#### Specifications

| Part No.  | Description                   | Fuel Gas Type |
|-----------|-------------------------------|---------------|
| 1412-0012 | 3/16" x 12.5 ft. Dual R-Grade | Acetylene     |
| 1412-0020 | 3/16" x 25 ft. Dual R-Grade   | Acetylene     |
| 1412-0021 | 1/4" x 25 ft. Dual R-Grade    | Acetylene     |
| 1412-0022 | 1/4" x 50 ft. Dual R-Grade    | Acetylene     |
| 1412-0081 | 3/16" x 12.5 ft. Dual T-Grade | All           |
| 1412-0185 | 3/16" x 25 ft. Dual T-Grade   | All           |
| 1412-0189 | 1/4" x 25 ft. Dual T-Grade    | All           |



#### FEATURES

- Premium quality hose that meets or exceeds the requirements of RMA and CGA
- Secure, specifically designed hose fittings ensure operator safety
- Color coded for easy identification
- Precut to length with fitted connections
- 12.5 ft., 25 ft. and 50 ft. lengths in 3/16" and 1/4" bore diameter
- R-Grade hose recommended for use with Acetylene

#### KEY INFORMATION

It is important to use the correct type of hose for the required gas(es) to be used. Any non-standard application should always be checked and approved before being put into operation.

Pressure drops will occur through hoses and hose fittings, therefore allowances must be made to compensate for this when setting up equipment and adjusting regulators.

Color coding of hoses and different threads for fuel and Oxygen prevents incorrect connections of hoses to the wrong gas type. Dual hoses help to keep the work area tidy, which reduces the risk of hose damage.



OxyFuel hoses are Grade "R" recommended for Oxygen and Acetylene, available in pre fitted lengths from 12.5 ft. to 50 ft. Compatible with all the OxyFuel range and suitable for light to heavy duty fusion welding, braze welding, brazing, heating and hand cutting applications.

### OxyFuel Flashback Arrestors

#### Specifications

| Part No.  | Description   | Fuel Gas Type |
|-----------|---|---------------|
| 0656-0008 | OxyFuel 250-350 FBT-2 Torch Flashback arrestors set with check valves   | All           |
| 0656-0000 | KC-1 Kwik Connect™ Pair Pak (Oxygen and Fuel)                           | All           |
| 0656-0016 | OxyFuel 250-350 FPRA Regulator Flashback arrestor set with check valves | All           |



#### FEATURES

- Provide ultimate protection against "Flashback" and premature failure of system components
- High flow capacity
- Non-return valve
- Large cylindrical stainless steel flame arrestor

#### APPLICATIONS

Designed for connection to the inlet of the torch handle and used for all cutting, heating and welding applications.



### OxyFuel Tanks & Totes

#### Specifications

| Part No.  | Description  | Fuel Gas Type |
|-----------|--|---------------|
| 0916-0033 | <b>OX-20</b> Type "R" Oxygen Cylinder, 20 cu. ft. Capacity*                  | Oxygen        |
| 0916-0032 | <b>AC-MC</b> Type "MC" Acetylene Cylinder, 10 cu. ft. Capacity* ISO/DOT/TC   | Acetylene     |
| 1421-0085 | Cylinder Tote Only   | All           |
| 0916-0028 | <b>NT-40</b> Nitrogen Cylinder, 40 cu. ft. (For Nitrogen Purging) ISO/DOT/TC | Nitrogen      |
| 0386-1226 | TK Tank Key  | -             |



#### FEATURES AC-MC\*

- Type "MC" Acetylene Cylinder, 10 cu. ft. Capacity
- CGA 200 Connection
- DOT, TC Certified

#### FEATURES NT-40

- 40 cu. ft. Nitrogen Cylinder
- CGA 580 Connection
- DOT, TC Certified

#### FEATURES OX-20\*

- Type "R" Oxygen Cylinder, 20 cu. ft. Capacity
- CGA 540 Connection
- DOT, TC Certified

#### APPLICATIONS

Tote and small tanks designed for smaller cutting and welding jobs allowing easy transport with this highly portable system.



\*Not Recommended To Use Heating Nozzles With The 0916-0033 and 0916-0032 Tanks.

### OxyFuel Cutting Tips

Refer to Table Bellow



#### ACETYLENE

#### NATURAL GAS

#### PROPYLENE



Type 101



Type GPN



Type GPP

#### FEATURES

- Longer Nozzle life – high grade copper and advanced manufacturing techniques give the Firepower OxyFuel superior cutting life.
- Better quality cutting – the mirror smooth finish of the gas ports assures stable gas flow and superior cutting oxygen stream. Cuts are clean and smooth with the narrowest kerf.
- Less slag adhesion – copper content conducts heat away from the nozzle face. The nozzle keeps cooler and slag adherence to the nozzle face is reduced.
- Consistent manufacture batch testing ensures OxyFuel nozzles will consistently deliver the highest quality performance

#### APPLICATIONS

Used for cutting steel 1/8" to 6" thick.

\*NOTE: For use with fuel gas other than Acetylene, proper tips, regulators or T-grade hoses may be required.



### - ACETYLENE TYPE CUTTING TIPS (TYPE 101)



| TIP SIZE | PLATE THICKNESS | OXYFUEL 250<br>SERIES 3 - PART NO. | OXYFUEL 350<br>SERIES 1 - PART NO. | FUEL GAS FLOW<br>(SCFH) | FUEL GAS PRESSURE<br>(PSIG) | OXYGEN FLOW<br>(TOTAL SCFH) | CUTTING OXYGEN PRESSURE<br>(PSIG) |
|----------|-----------------|------------------------------------|------------------------------------|-------------------------|-----------------------------|-----------------------------|-----------------------------------|
| 000      | 1/8" - 3 mm     | 6700-2438                          | 6700-2408                          | 3/5                     | 3/5                         | 20/25                       | 20/25                             |
| 00       | 1/4" - 6 mm     | 6700-2439                          | 6700-2409                          | 4/6                     | 3/5                         | 30/35                       | 20/25                             |
| 0        | 1/2" - 13 mm    | 6700-2440                          | 6700-2410                          | 6/10                    | 3/5                         | 60/65                       | 30/35                             |
| 1        | 3/4" - 19 mm    | 6700-2441                          | 6700-2411                          | 8/13                    | 3/5                         | 80/85                       | 30/35                             |
| 2        | 1" - 25 mm      | 6700-2442                          | 6700-2412                          | 10/16                   | 3/6                         | 140/150                     | 35/40                             |
| 3        | 2" - 51 mm      | 6700-2443                          | 6700-2413                          | 14/22                   | 4/9                         | 210/225                     | 40/45                             |
| 4        | 3" - 76 mm      | 6700-2444                          | 6700-2414                          | 18/30                   | 5/10                        | 270/320                     | 40/50                             |
| 5        | 5" - 127 mm     | 6700-2445                          | 6700-2415                          | 26/38                   | 5/13                        | 425/450                     | 50/55                             |
| 6        | 6" - 152 mm     | -                                  | 6700-2416                          | 30/44                   | 7/13                        | 500/600                     | 45/40                             |



### - NATURAL GAS TYPE CUTTING TIPS (TYPE GPN)



\*NOTE: To use these GPN tips, a T-grade hose and GPN regulators are required.

| TIP SIZE | PLATE THICKNESS | OXYFUEL 250<br>SERIES 3 - PART NO. | OXYFUEL 350<br>SERIES 1 - PART NO. | FUEL GAS FLOW<br>(SCFH) | FUEL GAS PRESSURE<br>(PSIG) | OXYGEN FLOW<br>(TOTAL SCFH) | CUTTING OXYGEN PRESSURE<br>(PSIG) |
|----------|-----------------|------------------------------------|------------------------------------|-------------------------|-----------------------------|-----------------------------|-----------------------------------|
| 000      | 1/8" - 3 mm     | 6700-2498                          | 6700-2468                          | 5/6                     | 3/5                         | 12/14                       | 20/25                             |
| 00       | 1/4" - 6 mm     | 6700-2499                          | 6700-2469                          | 5/7                     | 3/5                         | 22/26                       | 20/25                             |
| 0        | 1/2" - 13 mm    | 6700-2500                          | 6700-2470                          | 8/10                    | 3/5                         | 50/55                       | 30/35                             |
| 1        | 3/4" - 19 mm    | 6700-2501                          | 6700-2471                          | 10/12                   | 4/6                         | 70/80                       | 30/35                             |
| 2        | 1" - 25 mm      | 6700-2502                          | 6700-2472                          | 12/15                   | 4/8                         | 115/125                     | 35/40                             |
| 3        | 2" - 51 mm      | 6700-2503                          | 6700-2473                          | 14/18                   | 5/9                         | 150/175                     | 40/45                             |
| 4        | 3" - 76 mm      | 6700-2504                          | 6700-2474                          | 16/20                   | 8/12                        | 210/250                     | 45/50                             |
| 5        | 5" - 127 mm     | 6700-2505                          | 6700-2475                          | 20/30                   | 8/12                        | 330-360                     | 50/55                             |
| 6        | 6" - 152 mm     | -                                  | 6700-2476                          | 25/35                   | 10/15                       | 400/500                     | 45/55                             |



### - PROPYLENE GAS TYPE CUTTING TIPS (TYPE GPP)



\*NOTE: To use these GPP tips, a T-grade hose and GPP regulators are required.

| TIP SIZE | PLATE THICKNESS | OXYFUEL 250<br>SERIES 3 - PART NO. | OXYFUEL 350<br>SERIES 1 - PART NO. | FUEL GAS FLOW<br>(SCFH) | FUEL GAS PRESSURE<br>(PSIG) | OXYGEN FLOW<br>(TOTAL SCFH) | CUTTING OXYGEN PRESSURE<br>(PSIG) |
|----------|-----------------|------------------------------------|------------------------------------|-------------------------|-----------------------------|-----------------------------|-----------------------------------|
| 000      | 1/8" - 3 mm     | 6700-2618                          | 6700-2588                          | 5/6                     | 3/5                         | 12/14                       | 20/25                             |
| 00       | 1/4" - 6 mm     | 6700-2619                          | 6700-2589                          | 5/7                     | 3/5                         | 22/26                       | 20/25                             |
| 0        | 1/2" - 13 mm    | 6700-2620                          | 6700-2590                          | 8/10                    | 3/5                         | 50/55                       | 30/35                             |
| 1        | 3/4" - 19 mm    | 6700-2621                          | 6700-2591                          | 10/12                   | 4/6                         | 70/80                       | 30/35                             |
| 2        | 1" - 25 mm      | 6700-2622                          | 6700-2592                          | 12/15                   | 4/8                         | 115/125                     | 35/40                             |
| 3        | 2" - 51 mm      | 6700-2623                          | 6700-2593                          | 14/18                   | 5/9                         | 150/175                     | 40/50                             |
| 4        | 3" - 76 mm      | 6700-2624                          | 6700-2594                          | 16/20                   | 8/12                        | 210/250                     | 45/50                             |
| 5        | 5" - 127 mm     | -                                  | 6700-2595                          | 20/30                   | 8/12                        | 330/360                     | 50/55                             |
| 6        | 6" - 152 mm     | -                                  | 6700-2596                          | 25/35                   | 10/15                       | 400/500                     | 45/55                             |

## OxyFuel Heating Nozzles

### Specifications

| Part No.  | Description                                   | Fuel Gas Type | Size | Oxygen Pressure (PSIG) | Acetylene Pressure (PSIG) | Oxygen Consumption (SCFH) | Acetylene Consumption (SCFH) |
|-----------|---|---------------|------|------------------------|---------------------------|---------------------------|------------------------------|
| 0387-0060 | 250-350 Series Multi-flame Nozzle (Clamshell) | Acetylene     | 4    | 8/12                   | 6/10                      | 7/22                      | 6/20                         |
| 0324-0143 | 150 Series Multi-flame Nozzle (Clamshell)     | Acetylene     | 4    | 8/12                   | 6/10                      | 7/22                      | 6/20                         |
| 0387-0061 | 250-350 Series Multi-flame Nozzle (Clamshell) | Acetylene     | 6    | 10/15                  | 8/12                      | 15/44                     | 14/40                        |
| 0324-0146 | 150 Series Multi-flame Nozzle (Clamshell)     | Acetylene     | 6    | 10/15                  | 8/12                      | 15/44                     | 14/40                        |
| 0387-0062 | 250-350 Series Multi-flame Nozzle (Clamshell) | Acetylene     | 8    | 20/30                  | 10/15                     | 33/88                     | 30/80                        |
| 0324-0112 | 150 Series Multi-flame Nozzle (Clamshell)     | Acetylene     | 8    | 20/30                  | 10/15                     | 33/88                     | 30/80                        |



### FEATURES

- Concentrated high temperature flame
- Wide range for different applications
- Connects directly to the OxyFuel torch handle platform\*

### APPLICATIONS

Used for concentrated heating of steel and other materials.

\*Heating Nozzles Are Not Recommended For Use With Tote Outfits, 0916-0032 and 0916-0033 Tanks.



Note:  
1. "W" Nozzles Fits 7/8" Thread OxyFuel 250-350 Handle  
2. "W-1" 5/8" Thread OxyFuel 150 Nozzle Also Available

## OxyFuel Welding Nozzles

### Specifications

| Part No.  | Description                     | Fuel Gas Type | Metal Inches | Thickness Mm | Drill Size | Oxygen (PSIG) | Acetylene (PSIG) | Acetylene (SCFH) |
|-----------|---------------------------------|---------------|--------------|--------------|------------|---------------|------------------|------------------|
| 0323-0360 | #0 Acetylene Welding Nozzle     | Acetylene     | 5/64"        | 1.9          | 65 (0.035) | 3/5           | 3/5              | 2/4              |
| 0324-0150 | #0 Acetylene 150 Welding Nozzle | Acetylene     | 5/64"        | 1.9          | 65 (0.035) | 3/5           | 3/5              | 2/4              |
| 0323-0361 | #1 Acetylene Welding Nozzle     | Acetylene     | 3/32"        | 2.4          | 60 (0.040) | 3/5           | 3/5              | 3/6              |
| 0324-0151 | #1 Acetylene 150 Welding Nozzle | Acetylene     | 3/32"        | 2.4          | 60 (0.040) | 3/5           | 3/5              | 3/6              |
| 0323-0362 | #2 Acetylene Welding Nozzle     | Acetylene     | 1/8"         | 3.2          | 56 (0.046) | 3/5           | 3/5              | 5/10             |
| 0324-0152 | #2 Acetylene 150 Welding Nozzle | Acetylene     | 1/8"         | 3.2          | 56 (0.046) | 3/5           | 3/5              | 5/10             |
| 0323-0363 | #3 Acetylene Welding Nozzle     | Acetylene     | 1/16"        | 4.8          | 53 (0.060) | 4/7           | 3/6              | 8/18             |
| 0324-0153 | #3 Acetylene 150 Welding Nozzle | Acetylene     | 1/16"        | 4.8          | 53 (0.060) | 4/7           | 3/6              | 8/18             |
| 0323-0364 | #4 Acetylene Welding Nozzle     | Acetylene     | 1/4"         | 6.4          | 49 (0.073) | 5/10          | 4/7              | 10/25            |
| 0324-0154 | #4 Acetylene 150 Welding Nozzle | Acetylene     | 1/4"         | 6.4          | 49 (0.073) | 5/10          | 4/7              | 10/25            |
| 0323-0365 | #5 Acetylene Welding Nozzle     | Acetylene     | 1/2"         | 12.7         | 43 (0.089) | 6/12          | 5/8              | 15/35            |
| 0324-0155 | #5 Acetylene 150 Welding Nozzle | Acetylene     | 1/2"         | 12.7         | 43 (0.089) | 6/12          | 5/8              | 15/35            |

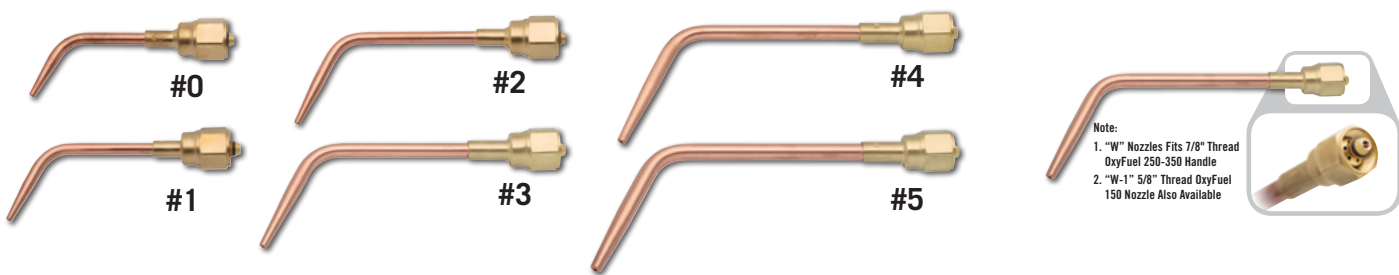


### FEATURES

- Concentrated high temperature flame
- Wide range for different applications
- Connects directly to the OxyFuel torch handle platform

### APPLICATIONS

Used for fusion welding, braze welding, brazing, and soldering of thin steel and other weldable materials.



Note:  
1. "W" Nozzles Fits 7/8" Thread OxyFuel 250-350 Handle  
2. "W-1" 5/8" Thread OxyFuel 150 Nozzle Also Available

## OxyFuel Welding Rods

### Specifications

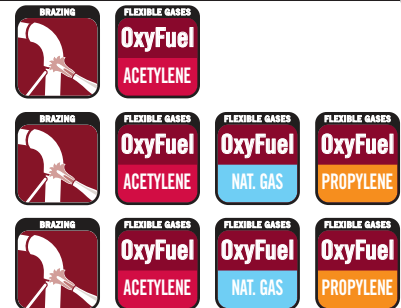
| Part No.  | Description                                 | Dimensions  | Weight |
|-----------|---|-------------|--------|
| 1440-0442 | Oxygen/Acetylene Mild Steel (Copper Coated) | 1/16" x 18" | 5 lbs. |
| 1440-0427 | MANGANESE Bronze Bare Gas Rods              | 3/32" x 36" | 5 lbs. |
| 1440-0428 | MANGANESE Bronze Bare Gas Rods              | 1/8" x 36"  | 5 lbs. |
| 1440-0431 | MANGANESE Bronze Flux Coated Gas Rods       | 3/32" x 36" | 1 lb.  |
| 1440-0429 | MANGANESE Bronze Flux Coated Gas Rods       | 3/32" x 36" | 5 lbs. |
| 1440-0430 | MANGANESE Bronze Flux Coated Gas Rods       | 1/8" x 36"  | 5 lbs. |



Mild Steel

Manganese Bronze

Manganese Bronze Coated



### Adapters

#### Specifications

| Part No.  | Description                    | Fuel Gas Type |
|-----------|--------------------------------|---------------|
| 0387-0490 | FP Adapter CGA 300Tank/510Reg. | ALL           |
| 0387-0492 | FP Adapter CGA 510Tank/300Reg. | ALL           |
| 0387-0488 | FP Adapter CGA 510Tank/520Reg. | ALL           |
| 0387-0491 | FP Adapter CGA 520Tank/200Reg. | ALL           |
| 0387-0489 | FP Adapter CGA 520Tank/510Reg. | ALL           |



#### FEATURES

- Adapts different sized cylinders to the regulator
- Forged brass body

#### APPLICATIONS

FP Adapter CGA 300Tank/510Reg. - Allows the connection between a CGA 300 Tank to a 510 Regulator.  
 FP Adapter CGA 510Tank/300Reg. - Allows the connection between a CGA 510 Tank to a 300 Regulator.  
 FP Adapter CGA 510Tank/520Reg. - Allows the connection between a CGA 510 Tank to a 520 Regulator.  
 FP Adapter CGA 520Tank/200Reg. - Allows the connection between a CGA 520 Tank to a 200 Regulator.  
 FP Adapter CGA 520Tank/510Reg. - Allows the connection between a CGA 520 Tank to a 510 Regulator.

### AirFuel Tanks

#### Specifications

| Part No.  | Description                     | Fuel Gas Type |
|-----------|---------------------------------|---------------|
| 0387-0436 | Firepower FP 1 lb. Propane Tank | Propane       |
| 0916-0122 | MAP//Pro™, 600 CGA              | MAP//Pro      |



#### FEATURES

- Contains 14.1 oz. propane

#### APPLICATIONS

Replacement tank for use with all Firepower hand torches.

### Welding Flow Gauge

#### Specifications

| Part No.  | Description                                   | Fuel Gas Type         |
|-----------|---|-----------------------|
| 0781-2733 | HRF 1480-580FPH clamshell, with hose, 580 CGA | Argon/CO <sub>2</sub> |



#### FEATURES

- Maximum inlet pressure 3,000 PSIG, outlet pressure is present for 80 PSIG
- Flow range is 10-50/Argon gas, 580 CGA male threaded connection
- Model includes 10" gas hose
- Easy to read flow tube for accurate adjustments
- Specifically designed for MIG, TIG and other inert gas welding applications
- Two year warranty

#### APPLICATIONS

The Flowmeter Regulator is used with most MIG or TIG welding applications.

### Protective Eyewear

#### Specifications

| Part No.  | Description   | FEATURES  | STANDARD   | SAFETY                                 |
|-----------|---|---|------------|--|
| 1423-4182 | Clear Protective Eyewear<br>   | <ul style="list-style-type: none"> <li>■ Rubber arm tips assure comfort and non-slip use; Ultra-light frames allow comfortable protection and long hours of wearability</li> <li>■ Hard-coated polycarbonate lens</li> <li>■ Tilting arms allow improved spark and debris protection above and below eyes; Contoured frame and built-in nose bridge fits any shape of face</li> <li>■ Complies with ANSI Z87.1 and CSA Z94.3 standards</li> </ul>   | ANSI Z87.1 | SAFETY C SPA US                        |
| 1423-0020 | Clear Safety Goggle, with Clear Lens<br>                                   | <ul style="list-style-type: none"> <li>■ Furnished with tough polycarbonate clear lens</li> <li>■ For protection against flying particles and dust</li> <li>■ Soft vinyl frame fits snugly and can be worn for extended periods with comfort</li> <li>■ Transparent frame allows vision in all directions</li> <li>■ Hooded vents prevent fogging and offers excellent ventilation</li> <li>■ Adjustable elastic headband</li> <li>■ Meets or exceeds ANSI Z87.1 and various International Standards</li> </ul> | ANSI Z87.1 |  |
| 1441-3408 | Symetrix – Wrap-a-Round Visitor Glasses<br>                               | <ul style="list-style-type: none"> <li>■ Meets or exceeds ANSI Z87.1 and various International Standards</li> </ul>   | ANSI Z87.1 |  |
| 1423-4181 | Shade 5 Protective Eyewear<br>   | <ul style="list-style-type: none"> <li>■ Rubber arm tips assure comfort and non-slip use; Ultra-light frames allow comfortable protection and long hours of wearability</li> <li>■ Hard-coated polycarbonate lens; Eliminates 99.9% of ultraviolet light</li> <li>■ Tilting arms allow improved spark and debris protection above and below eyes; Contoured frame and built-in nose bridge fits any shape of face</li> <li>■ Complies with ANSI Z87.1 and CSA Z94.3 standards</li> </ul>                        | #5         | ANSI Z87.1 SAFETY C SPA US             |
| 1423-4177 | Luxur – Fashion Safety Glasses, One-piece Lens, Adjustable Templates<br> | <ul style="list-style-type: none"> <li>■ Meets or exceeds ANSI Z87.1 and various International Standards</li> </ul>   | #5         | ANSI Z87.1                             |
| 1423-0017 | Fixed Front, Welder's Goggle Soft Frame<br>                              | <ul style="list-style-type: none"> <li>■ Furnished with filter lens (Shade 5)</li> <li>■ Soft vinyl frame fits easily over corrective glasses</li> <li>■ Hooded vents prevent fogging and offers excellent ventilation</li> <li>■ Adjustable elastic headband</li> <li>■ Meets or exceeds ANSI Z87.1 and various International Standards</li> </ul>   | #5         | ANSI Z87.1 SAFETY C SPA US STANDARD CE |
| 1423-0018 | Lift Front, Welder's Goggle Soft Frame<br>                               | <ul style="list-style-type: none"> <li>■ Filter lens frame raises easily for on-the-job versatility (Lift Front Type)</li> <li>■ Furnished with filter lens (Shade 5)</li> <li>■ Soft vinyl frame fits easily over corrective glasses</li> <li>■ Hooded vents prevent fogging and offers excellent ventilation</li> <li>■ Adjustable elastic headband</li> <li>■ Meets or exceeds ANSI Z87.1 and various International Standards</li> </ul>   | #5         | ANSI Z87.1 STANDARD CE                 |
| 1423-0019 | Cup-Type Goggle, 50 mm<br>   | <ul style="list-style-type: none"> <li>■ Hard Plastic</li> <li>■ Comes with tough polycarbonate lens (Shade 5)</li> <li>■ Adjustable elastic headband and nose piece</li> <li>■ Meets or exceeds ANSI Z87.1 and various International Standards</li> </ul>  | #5         | ANSI Z87.1 SAFETY C SPA US STANDARD CE |

### AirFuel Pencil Tip Torch & Kit

#### Specifications

| Part No.  | Description                             | Fuel Gas Type |
|-----------|---|---------------|
| 0387-0470 | Firepower P-10 Pencil Tip Propane Torch | Propane       |
| 0387-0471 | Firepower FP PK-10 Pencil Tip Propane   | Propane       |



#### FEATURES

- For use with 14.1 oz. or 16 oz.
- Solid Brass burn tube construction.
- Two year warranty

#### APPLICATIONS

The Manual Light Propane Pencil Tip Torch is suitable for Brazing, Heating and Soldering.

### AirFuel Hand Torch Kit

#### Specifications

| Part No.  | Description                               | Fuel Gas Type     |
|-----------|---|-------------------|
| 0387-0400 | Firepower AirFuel Manual Light Hand Torch | Propane, MAP/PRO™ |



#### FEATURES

- Silver solder copper tubing or Bronze braze steel pip
- Swirl combustion tip maximizes heat and reduces brazing time by 30%. 360
- For 14.1 oz. or 16 oz. disposable Propane or MAP/Pro
- Two year warranty

#### APPLICATIONS

The Manual Light Hand Torch is suitable for Brazing, Heating and Soldering.

### AirFuel Vers-A-Flame Torch Kits

#### Specifications

| Part No.  | Description                          | Fuel Gas Type |
|-----------|--------------------------------------|---------------|
| 0384-1280 | Firepower Vers-A-Flame 350K BTU 1 Ea | Propane       |
| 0384-1260 | Firepower Vers-A-Flame 500K BTU 1 Ea | Propane       |



#### FEATURES

- Durable Brass Control Knob
- Tough 10' Hose
- Meets or exceeds Industry Safety Standards
- For use with L.P. Tanks 20 lbs. or Larger
- Two year warranty

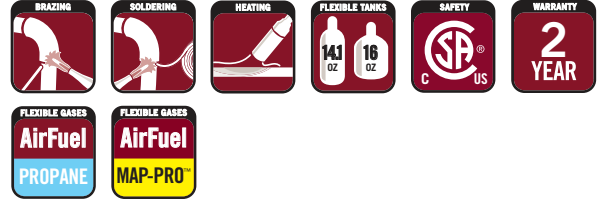
#### APPLICATIONS

The Vers-A-Flame is suitable for a wide range of uses.  
 Auto/Farm & Home use: Burns weeds, removes paint and melts ice.  
 Construction uses: Preheat asphalt & tar, remove road markings and reheat large castings for welding.

### AirFuel Hand Torch

#### Specifications

| Part No.  | Description                         | Fuel Gas Type     |
|-----------|-------------------------------------|-------------------|
| 0387-0463 | Firepower AirFuel SMP-31 Hand Torch | Propane, MAP//Pro |



#### FEATURES

- Auto Igniter for Instant Flame
- Trigger lock on button
- For 14.1 oz. or 16 oz. disposable Propane or MAP//Pro
- Two year warranty

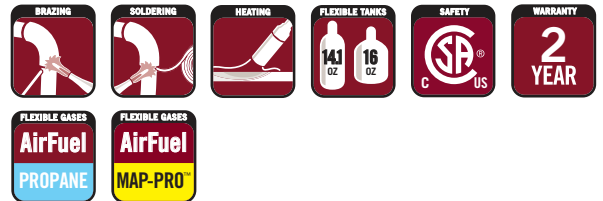
#### APPLICATIONS

The Auto Igniting Hand Torch is suitable for Brazing, Heating and Soldering.

### AirFuel Torch Kit

#### Specifications

| Part No.  | Description                         | Fuel Gas Type     |
|-----------|-------------------------------------|-------------------|
| 0387-0464 | Firepower AirFuel SMPK-31 Torch Kit | Propane, MAP//Pro |



#### FEATURES

- Auto Igniter for Instant Flame
- Trigger lock on button
- For 14.1 oz. or 16 oz. disposable Propane or MAP//Pro
- Two year warranty

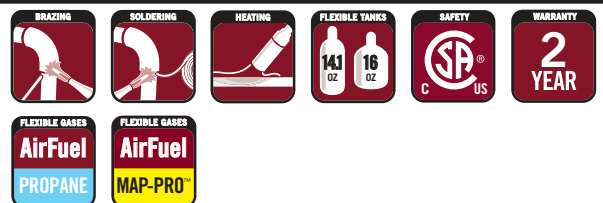
#### APPLICATIONS

The Auto Igniting Hand Torch is suitable for Brazing, Heating and Soldering.

### AirFuel Hand Torch

#### Specifications

| Part No.  | Description                         | Fuel Gas Type     |
|-----------|-------------------------------------|-------------------|
| 0387-0465 | Firepower AirFuel SMP-41 Hand Torch | Propane, MAP//Pro |



#### FEATURES

- Auto Igniter for Instant Flame
- Trigger lock on button
- For 14.1 oz. or 16 oz. disposable Propane or MAP//Pro
- Two year warranty

#### APPLICATIONS

The Auto Igniting Hand Torch is suitable for Brazing, Heating and Soldering.

### 350 HEAVY DUTY



### 250 MEDIUM DUTY



### REGULATORS



### 250 TORCH



### 250 TOTE

