



# Product Catalogue

- /// BUTANE
- /// MIXED GAS
- /// PROPANE
- /// MAPP
- /// ACCESSORIES

## TORCHES & GAS

HOBBY

HEATING

UTILITY/PLUMBING

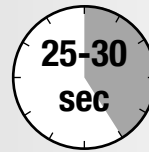
BRAZING

AIR CONDITIONING/REFRIGERATION



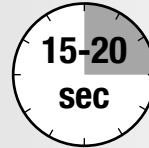
**HOT**

0°C → 1750°C



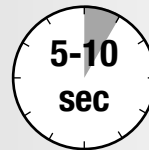
**HOTTER**

0°C → 1871°C



**HOTTEST**

0°C → 2010°C



## BASICS

### SOLDERING

**DEFINITION:** The process of joining two copper pipes to create a water tight seal

#### STEPS:

1. Clean fitting and pipe with abrasive cloth
2. Apply flux to the fitting and pipe
3. Heat joint with primary flame (see page 9) until flux sizzles
4. Apply solder to the joint

NOTE : Solder should be melted by the heat of the pipe and fitting, not direct contact with the flame.

#### RECOMMENDED TORCHES:

- TS1100-E
- PBLAN
- UL100
- JT680
- TS3000T
- TS3000KC
- TS3000KB
- TS7000T
- TS4000T
- TS99T
- TS99CKV

### BRAZING

**DEFINITION:** The process of joining two independent pieces of metal to form one strong load bearing joint

#### STEPS:

1. Place metal pieces into desired position
2. Heat joint until it glows
3. Apply brazing rod to joint while continuing to heat

NOTE : Brazing rod should be melted by the heat of the metal pieces, not direct contact with the flame.

#### RECOMMENDED TORCHES:

- TS7000T
- TS799T
- T757
- JT539T
- TS839T
- TS839ZKC
- JTH7

## FLAME TYPES

### MULTIPURPOSE



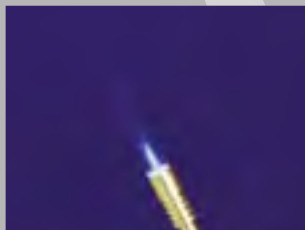
Good for all applications except when high heat intensity is required, like brazing. Slightly softer and less intense than Pencil Point and Swirl.

### SWIRL FLAME



Generates higher heat concentration on the work piece. Good for most applications except when very low heat intensity is required.

### JUMBO FLAME



Flame is like an enlarged pencil point flame and designed to be used for more heavy duty jobs.

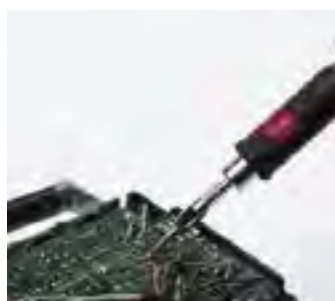
### PENCIL FLAME



Produces a fine pencil point, which is needed when heat has to be concentrated into a small area. Ideal for detailed and fine jobs.

## CONTENT

HOT	HOTTER	HOTTEST	ACCESSORIES	LEAK DETECTORS
<b>BUTANE</b> <b>0 - 1750°C</b> BF9-E 4 PS135 4 PS100 4 ST100T 4 ST1100T 4 ST150K 4  <b>MIXED GAS</b> <b>1750°C - 1850°C</b> PB190-E 5 PB175-E 5 PB330-E 5 PBLAN 5 TS1100-E 5	<b>PROPANE</b> <b>1850°C - 1950°C (3400°F)</b> TS3000T 7 TS3000KB 7 TS3000KC 7  TX9 7 JT680 7 UL100 7	<b>MAPP</b> <b>1950°C - 2000°C (3650°F)</b> MG9 8 JT539T 8 JTH7 8 T757 9 TS7000T 9 TS4000T 9 TS799 10 TS99ZKF 10 TS839T 10 TS839ZKC 10	SSW300-E 11 SSW300PK-E 11 SRC300-E 11 SAC300-E 11 SFB400-E 11 SWSF100-E 11 810-E 11 S4NIB 11 AL3-E 11 PC3-E 11 WB5-E 11 NS3-E 11	TX3A 7 TX12A 7 TX12MA 7



### BUTANE

#### APPLICATIONS

- Hot Blow
- Hot Knife
- Heat Shrink
- Jewellery
- Soft soldering maintenance
- Electrical Soldering



### PROPANE

#### APPLICATIONS

- Soldering
- Stripping Paint
- General Heating
- Thawing Frozen Pipes
- Loosening Rusted Nuts and Bolts
- Removing Paint, Caulk, and Putty



### MIXED GAS

#### APPLICATIONS

- Soft Soldering
- Paint Stripping
- Barbecue lighting
- Tile / Label Removal



### MAPP

#### APPLICATIONS

- Brazing
- Hardening Steel
- Soldering
- Hard Soldering
- General Heating
- Thawing Frozen Pipes
- Stripping Paint
- Removing Paint, Caulk, and Putty
- Loosening Rusted Nuts and Bolts

# HOT HOBBY

0°C - 1750°C

butane/propane mixed products

1

## What is your job?

### HOT DIY

- Jewellery
- Cooking
- Electric Soldering
- Craft and Hobby work



2

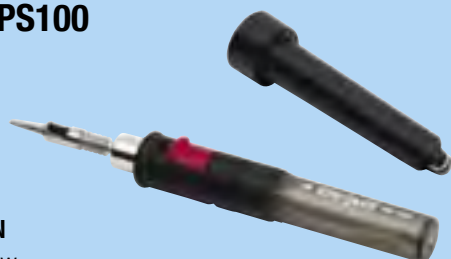
## Choose your fuel!



3

## Choose your torch!

### PS100



#### SOLDER IRON

Heat Output: 137W

- Cordless for maximum portability
- Metal Catalyst for optimum heat transfer
- Solid Steel Tip lasts longer
- 30 seconds warm up. Fast, ready to use
- Burns 80 min before re filling

10503510

### PS135



#### SPARK IGNITING SOLDER IRON 3 IN 1 MULTIPURPOSE KIT

Heat Output: 256W

- Cordless for maximum portability
- Metal Catalyst for optimum heat transfer
- Solid Steel Tip lasts longer
- 30 seconds warm up. Fast, ready to use
- Burns 80 min before refilling



10503509

### ST100T



#### SMALL BUTANE REFILLABLE MICRO TORCH

Heat Output: 165W

#### LIGHTWEIGHT MICRO FLAME TORCH

Refillable precision needle point flame torch

- For light, detailed work
- Refillable for convenience
- Kit includes: microflame torch and soldering tip

10503512

### ST150K



#### SMALL BUTANE REFILLABLE

#### Micro Flame Kit

Heat Output: 165 W

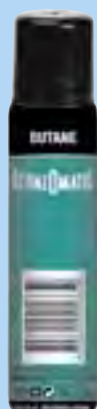
Contents:

- Storage Case
- Solder Tube
- ST100T
- Soldering Tips
- Hot Knife
- Sponge

10503511

### BF9-E

FUEL



#### BERNZOMATIC 2.1 OZ. DISPOSABLE BUTANE CYLINDER

Use with Micro and Mini Torches

- 2.1 oz./60 gram Butane cylinder
- For use with Micro Torches and lighters

10503514

### ST1100T



#### MICRO TORCH TRIGGER START BUTANE REFILLABLE

Heat Output: 165 W

Refillable precision needle point flame torch with built-in push button igniter. Includes spark igniting solder tip attachment.

- Micro flame torch for light, detailed work
- Trigger start for easy lighting
- Refillable for convenience
- Kit includes: micro flame torch and soldering tip



10503513

# HOT

# 1750°C - 1850°C

# butane/propane mixed products



1

## What is your job?

### HOT DIY

- Paint Stripping
- Barbecue Lighters
- Tile Removal

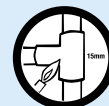


2

## Choose your fuel!



1750°C - 1850°C



25 - 35 seconds  
to solder

3

## Choose your torch!

### KEY FEATURES AND BENEFITS

#### Feature:

Fracture Groove

#### Benefit:

Safety no danger of explosion

#### Feature:

Unique design

#### Benefit:

Powerful aesthetics, durable look and better reach in tight places

#### Feature:

Plastic cylinder stand

#### Benefit:

Makes Torch more stable



#### Feature:

Easy to start

#### Benefit:

Can be lit with one finger: Piezo ignition

#### Feature:

Ergonomic handle to avoid cold can

#### Benefit:

Non-slip ledge for safety. True one-hand use

#### Feature:

One or two finger flame adjustment with distinct setting

#### Benefit:

User safety, better control and comfort

### PB190-E

FUEL



#### BUTANE PROPANE MIXED GAS

- Cartridge (Piercable)
- Netweight 190g/6.70z 360ml

10503496

Antiflare for  
Safety

### PBLAN



#### PIERCING CAN TORCH

Heat Output: 250W

- Pencil Flame type
- Antiflare for Safety

10503508

### PB175-E / PB330-E

FUEL



600ml

#### BUTANE PROPANE MIXED GAS

- Butane 65%
- Propane 35%

10503497 / 10503498

### TS1100-E



#### TRIGGER START TORCH KIT

Kit includes: TS1100 + PB330-E

- Heat Output: 800W
- With high quality brass burn tip
- Antiflare for safety
- General Purpose Flame type



10503502



# HOTTER PLUMBING

**1850°C - 1950°C HEAT + SOLDER**

propane products

**1**

**What is your job?**

## HOTTER PLUMBING

- Solder Copper Pipes
- Thaw Frozen Pipes
- Maintenance
- Air conditioning refrigeration
- Loosen Stubborn Bolts
- Bending plastic, laminates and PVC pipe



**2**

**Choose your fuel!**



1850°C - 1950°C



15 - 20 seconds  
to solder

**3**

**Choose your torch!**

## PROPANE GAS & TORCHES

Solid Brass burn tip  
heats up fast

Stainless Steel burn tube  
prevents corrosion

Built-in regulator ensures  
efficient operation in any  
position

Pressure regulated to  
burn upside down

Self igniting  
quick start trigger

Fracture Groove in torch  
for extra safety if dropped



Ergonomically designed

Wide multi-purpose flame

45° Angled nozzle to reach  
hard to access places

Adjustable flame switch  
for greater control

Soft grip handle

Antiflare for Safety



#### TS3000T



##### QUICKFIRE™

##### SELF-IGNITING TORCH

Heat Output: 1460W

Ergonomically designed comfort grip. Regulated to burn upside down. Stainless steel burn tube and brass tip for durability. Adjustable flame control.

- Trigger start for ease of lighting
- Ergonomic grip for comfort
- Adjustable flame for a wide variety of applications
- General purpose flame type
- Antiflare
- Regulated valve for control and safety
- For use with propane fuel only

19028

#### TS3000KC



##### QUICKFIRE™ KIT

Content:

- TS3000T
- TX9
- for use with propane fuel only

19098

#### TS3000KB



##### QUICKFIRE™ SUITCASE

Content:

- TS3000T
- TX9
- Accessories: SSW300PK-E + pipe cutter (3-22m)
- Suitcase
- for use with propane fuel only

19099

#### TX9

**FUEL**



##### BERNZOMATIC® 14.1 OZ.

Disposable Propane Cylinder  
For basic use torches and most portable appliances requiring propane.

- 14.1 oz. propane cylinder
- For use with recreational propane appliances

19400

#### JT680



##### JUMBO FLAME TORCH

Heat Output: 1310 W

Produces a high volume 1 1/4" flame for heavy duty soldering and heating jobs. Brass construction for durability. Fuel control knob.

- Solid brass regulator for durability
- Adjustable flame for controlled heat output
- High volume 1 1/4" flame for soldering and heating jobs
- For use with propane fuel only

19110

#### UL100



##### PENCIL TORCH KIT

Heat Output: 730W

Content:

- Torch + TX9
- 13mm pencil flame (1/2")
- Anti Flare
- Heat Output: 730W
- For use with propane fuel only

19205

# LEAK DETECTORS

Reliable and easy to use for the Air Conditioning Industries

#### TX3A



##### HALIDE LEAK DETECTOR

19260

#### TX12A



##### HALIDE LEAK DETECTOR AND PROPANE

19265

#### TX12MA



##### HALIDE LEAK DETECTOR KIT IN CARRY CASE

19270

# HOTTEST PRO

1950°C - 2000°C HEAT + SOLDER + BRAZE

mapp products

1

## What is your job?

### HOTTEST PROFESIONAL

- Brazing Metals
- For Heavy Repairs
- Rapid Soldering of Dry or Damp Pipes (up to 1,5mm wall thickness)

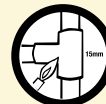


2

## Choose your fuel!



1950°C - 2000°C



5 - 10 seconds  
to solder

3

## Choose your torch!

### HAND TORCHES- FEATURES & BENEFITS

#### Lock Button

For continuous burning

#### Self-Igniting Trigger & On/Off Switch

- Lights without external ignition source
- Helps prevent accidental lighting

#### Optimum Performance in an array of conditions

- Regulator allows the torch to burn properly when turned in all directions including upside down
- Regulator also allows consistent performance in both high and low temperatures

#### Removable Brass Tip

For easy cleaning and replacement

#### Adjustable Flame Control

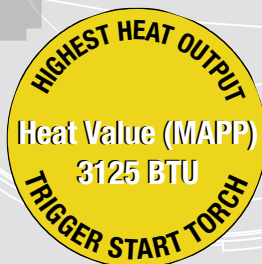
Control by dial on back of torch

#### Cast Aluminium Construction

For greater durability

#### CGA-600 Cylinder Connection

For 16oz MAPP and 14oz Propane



### T757



#### BERNZOMATIC HAND TORCH

Heat Output: 3432 W

Heavy Duty Trigger Start Flame  
Control Torch

- Self-igniting
- Ultra swirl flame
- Removable brass tip
- Trigger lock
- Cast aluminium construction
- CGA-600 cylinder connection
- Fracture Groove

10505366



### TS7000T



#### TRIGGER-START FLAME CONTROL TORCH

Heat Output: 2190 W

Adjusting knob for optimal gas consumption and heat output. Instant On-Off trigger improves fuel savings and convenience. Lock button keeps torch lit for finger-free use. Replaceable brass tip. Burn tip produces swirl flame for maximum heat output. Pressure regulated to burn in all directions. Cast aluminum body, stainless steel burntube, and brass burntip for durability.

- Trigger start for ease of lighting
- Piston regulated to burn in all directions
- Efficient swirl flame provides high heat output
- Cast aluminum construction provides added durability
- Fracture Groove

19070



### TS4000T



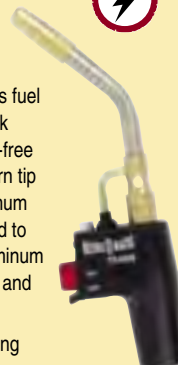
#### TRIGGER-START TORCH

Heat Output: 1946 W

Instant On-Off trigger increases fuel savings and convenience. Lock button keeps torch lit for finger-free use. Replaceable brass tip. Burn tip produces swirl flame for maximum heat output. Pressure regulated to burn in all directions. Cast aluminum body, stainless steel burntube, and brass burntip for durability.

- Trigger start for ease of lighting
- Piston regulated to burn in all directions
- Efficient swirl flame provides high heat output
- Cast aluminum construction provides added durability
- Fracture Groove

19040





## MAPP vs. Propane

### GET JOBS DONE 33% FASTER USING MAPP FUEL!



- Work is completed most efficiently with the primary flame
- MAPP fuel has **51% more heat transfer** in the primary flame than Propane



Fuel Type	PROPANE	MAPP
Flame Temperature In Air (°C)	1870°C	2010°C
Primary Combustion Heating Value (BTU/CuFt)	255	<b>517</b>

## WHY MAPP TORCHES?



- Swirl flame design helps create the hottest temperatures to do work faster, last longer & wrap around the workpiece
- All MAPP torches are regulated to constantly & consistently regulate pressure coming from the bottle at any given outside temperature
- Anti-flare design in any position with rugged construction quality & safety



## WHY MAPP FUEL?



- 33% faster than pure Propane.
- 50% more heat release than pure Propane to solder thicker pipes
- Lasts over 20% longer than 400g Propane



### MG9

**FUEL**



#### BERNZOMATIC 16OZ. DISPOSABLE MAPP CYLINDER

Use only with multi-application torches and appliances specifying "for use with MAPP gas or propylene.

- 16oz. Mapp cylinder
- Applications include: general heating, soldering and brazing
- Mapp is 30% faster than propane to complete the job faster

19375

### JT539T



#### SWIRL FLAME BRAZING TORCH

Highest Heat Value (MAPP) 3484 BTU  
Heat Output: 3020 W

Pressure regulated to burn in all directions. Specially designed burntip produces a turbo charged swirl action flame for maximum heat output.

- Efficient swirl flame provides high heat output
- Adjustable flame for a wide variety of applications
- Solid brass regulators for durability
- Fracture Groove

19190

### JTH7



#### HOSE TORCH

Highest Heat Value (MAPP) Hottest Torch  
Heat Output: 3726 W

Pressure regulated to burn in all directions. 4' hose for accessibility. Burntip produces a turbo-charged swirl action flame for maximum heat output. Includes burner wand with swirl flame burntip, hose, and cylinder clip, pressure regulator, flash back arrestor.

- Efficient swirl flame provides high heat output
- 4 ft. hose for extended reach
- Adjustable flame for a wide variety of applications
- Solid brass regulators for durability
- Fracture Groove
- Belt Clip for easy use

19199

#### SWIVEL TORCHES - FEATURES & BENEFITS

##### Self-Igniting Trigger

- Lights torch without external ignition source
- Heavy duty igniter for great durability

**Burn Tube Swivels 360°**  
For better accessibility

##### Solid Brass Regulator

Provides greater durability

##### Efficient Swirl Flame

Provides maximum targeted heat output

##### Double "O" Ring Connection

Helps prevent gas leaks



TS799

#### TS99T

##### TRIGGER-START SWIVEL HEAD TORCH

Heat Output: 3686 W

360° degree swivel head allows for accessibility into tight and awkward spaces. Trigger start makes lighting more convenient by eliminating the need for a sparker. Efficient swirl flame produces maximum heat output. Double "O" ring connection to help prevent gas leaks. Brass regulator for durability.

- Burn tube swivels 360 degrees for increased accessibility in tight work spaces
- Trigger start for ease of lighting
- Efficient swirl flame provides high heat output
- Adjustable flame for a wide variety of applications



19542

#### TS799

##### SWIVEL TORCH

Greater Accessibility

Heat Output: 3686 W

- 360 degree swivel Targeted heat output
- Swirl flame durable construction
- Solid brass regulator
- Adjustable targeted heat output
- CGA-600 Cylinder connection for 16oz MAPP and 14oz Propane



10505367

#### TS99ZKC



##### PIEZO IGNITION BRAZING TORCH SWIVEL HEAD WITH MAPP GAS

19543

#### TS839ZKC



##### SPARK IGNITING KIT WITH MAPP GAS

19086

#### TS839T



##### SWIVEL HEAD TORCH

Heat Output: 2520 W

Stainless steel burntube rotates 360 degrees. Push button igniter. Swirl action flame heats work quickly. Pressure regulated to burn in all directions.

- Efficient swirl flame provides high heat output
- Adjustable flame for a wide variety of applications
- Solid brass regulators for durability
- Trigger start for ease of lighting
- Fracture Groove

19088

# ACCESSORIES



**SSW300-E**

**85g SOLID WIRE SOLDER LEAD FREE**  
(Plumbing Solder) 10503484

**SFB400-E**

**100mm FLUX BRUSHES (5)** 10503488

**AL3-E**

**ALUMINIUM SOLDERING ROD (2)**  
370°C - 400°C 10503480

**SSW300PK-E**

**85g SOLID WIRE SOLDER 28.5G FLUX**  
Brush Abrasive  
Lead Free 10503485

**SWSF100-E**

**WATER SOLUBLE FLUX 28.5g WITH BRUSH**  
(Lead Free) 10503489

**PC3-E**

**PHOSPHOROUS COPPER SOLDERING RODS (3)**  
710°C - 802°C 10503481

**SRC300-E**

**85g ROSIN CORE WIRE SOLDER**  
Lead Free  
220°C  
(Electric Solder) 10503486

**810-E**

**FLAME SPREADER PLUS ADAPTER FOR PAINT REMOVAL** 10503493

**WB5-E**

**PREMIUM BRONZE BRAZING RODS (4)**  
880°C 10503482

**SAC300-E**

**85g ACID CORE WIRE SOLDER**  
Lead Free  
220°C  
(General Purpose Solder) 10503487

**S4NIB**

**FOUR IN ONE BRUSH**  
For cleaning 15mm + 22mm copper pipe and fittings (1/2" x 3/4") 95620

**NS3-E**

**NICKEL SILVER BRAZING RODS (2)**  
915°C 10503483

## WELDING & BRAZING RODS

BERNZOMATIC®: offers a wide variety of welding and brazing rods for various types of metals when hard soldering, brazing and welding

WELDING/BRAZING RODS	WORKING TEMP	BRINELL HARDNESS	TENSILE STRENGTH (PSI)
<b>AL3</b> Aluminium Soldering Rods	750°F 400°C	100	-----
<b>PC3</b> Phosphorus Copper Soldering Rods	1450°F 790°C	-----	40,000
<b>NS3</b> Nickel Silver Soldering Rods	1250°-1750°F 625 - 955°C	-----	85,000
<b>WB3</b> Premium Bronze Brazing Rods	1600°F 870°C	-----	60,000

Torch Performance Propan&Mapp													
Torch Model	Fuel Service		Flame Temperature		Heat Value in Primary Flame		Total Heat Value		Burn Time on Full Cylinder		Flame Type	Soft Soldering Capacity	
			(°F/°C )		(BTU/hour)		(BTU/hour)		(hours)			Copper Tube Diameter (inch)	
	Propane	MAPP	Propane	MAPP	Propane	MAPP	Propane	MAPP	Propane	MAPP		Propane	MAPP
JT680	Yes	No	3.400/1870	N/A	558	N/A	4914	N/A	4,08	N/A	Pencil	1/8 - 1	N/A
TS3000	Yes	No	3.400/1870	N/A	524	N/A	4613	N/A	4,35	N/A	Utility	1/8 - 1	N/A
JTH7	Yes	Yes	3.400/1870	3.650/2010	1458	3484	13939	12715	1,44	1,53	Swirl	1/8 - 3	1/4 - 4
JT539	Yes	Yes	3.400/1870	3.650/2010	1458	3484	13939	12715	1,44	1,53	Swirl	1/8 - 3	1/4 - 4
TS839	Yes	Yes	3.400/1870	3.650/2010	1356	2819	11993	10288	1,68	2,14	Swirl	1/8 - 3	1/4 - 4
TS4000	Yes	Yes	3.400/1870	3.650/2010	809	1835	7119	6276	2,82	2,91	Swirl	1/8 - 3	1/4 - 4
TS799	Yes	Yes	3.400/1870	3.650/2010	1355	2197	13549	9986	1,60	2,08	Swirl	1/8-2	1/4 - 3
T757	Yes	Yes	3.400/1870	3.650/2010	1396	3125	12285	11712	1,63	1,70	Swirl	1/4-3	1/4 - 4
TS7000	Yes	Yes	3.400/1870	3.650/2010	809	1835	7119	6276	2,82	2,91	Swirl	1/8 - 3	1/4 - 4
TS99T	Yes	Yes	3.400/1870	3.650/2010	809	1835	7119	6276	2,82	2,91	Swirl	1/8 - 3	1/4 - 4

Order Code	Part	Description	Pack Qty
19028	TS3000T	Quickfire Torch Head	6
19040	TS4000T	Trigger Start Cast Aluminium Torch	6
19070	TS7000T	Trigger Start Cast Aluminium Torch	6
19086	TS839ZKC	Spark Igniting Kit with Mapp gas	6
19088	TS839T	Spark igniting Swivel head Torch Kit	6
19098	TS3000KC	Quickfire Torch Kit	6
19099	TS3000KB	Quickfire Plumbers Kit	6
19110	JT680	Jumbo Flame Torch Head	6
19190	JT539T	Swirl Flame Brazing Torch	6
19199	JTH7	Brazing Hose Torch kit	6
19205	UL100	2 Piece Pencil Flame Torch Kit	6
19260	TX3A	Halide Leak Detector	6
19265	TX12A	Halide Leak Detector and Propane	6
19270	TX12MA	Halide leak Detector Kit in Carry Case	6
19375	MG9	Mapp Gas 16 Ounce	12
19400	TX9	Propane Gas 14.1Ounce	12
19542	TS99T	Piezo Ignition Brazing Torch - Swivel Head	6
19543	TS99ZKC	Piezo Ignition Brazing Torch - Swivel Head with Mapp	6
95620	S4N1B	Four in One Brush	12
10503480	AL3-E	Aluminium Soldering Rods (2)	12
10503481	PC3-E	Phosphorous Copper Soldering Rods (3)	12
10503482	WB5-E	Premium Bronze Brazing Rods (4)	12
10503483	NS3-E	Nickel Silver Brazing Rods (2)	12
10503484	SSW300-E	85g Solid Wire Solder	12
10503485	SSW300PK-E	85g Solder, 28.5g Flux, Brush, Abrasive	12
10503486	SRC300-E	85g Rosin Core Solder	12
10503487	SAC300-E	85g Acid Core Solder	12
10503488	SFB400-E	100mm Flux Brushes (5)	12
10503489	SWSF100-E	Water Soluble Flux (28.5g)	12
10503493	810-E	Flame Spreader plus addaptor	12
10503496	PB190-E	190G Butane/Propane Mixed Gas	36
10503497	PB175-E	175g Butane/Propane Mixed Gas	24
10503498	PB330-E	330g Butane/Propane Mixed Gas	24
10503502	TS1100-E	Trigger Start Torch Kit	6
10503508	PBLAN	Pierce Can Torch	12
10503509	PS135	Soldering Iron Butane Refillable 3 in 1	6
10503510	PS100	PS100 Soldering Iron Refillable	6
10503511	ST150K	Small Butane Refillable Micro Flame Torch Kit - Refillable	6
10503512	ST100T	Small Butane Refillable Micro Flame Torch - Refillable	6
10503513	ST1100T	Micro Flame Torch - Refillable	6
10503514	BF9-E	60g Butane Gas	12
10505366	T757	Trigger Start High Output Hand Torch - Adjustable Flame	6
10505367	TS799	360 Degree Swivel Torch with Ignition	6

## DEFINITION

### HEAT TRANSFER VALUES

are expressed in BTU (British Thermal Units).  
One BTU is the amount of heat needed to raise the temperature of 1 pound of water by 1°F

Distributor