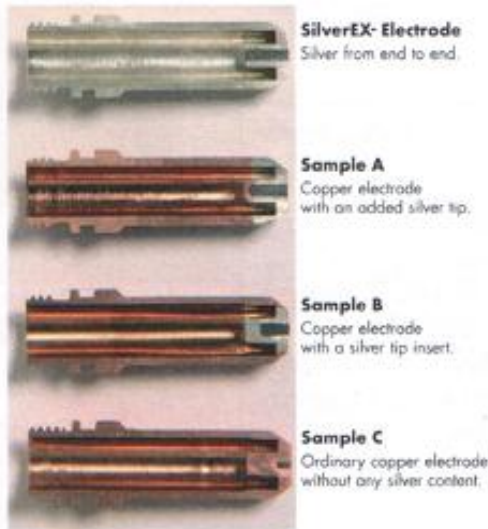




Fabricators Consumables & Equipment

SilverEX[®] ELECTRODE

Here's Why SilverEX[®] Electrodes Are Simply Better.



SilverEX-Electrode
Silver from end to end.

Sample A
Copper electrode with an added silver tip.

Sample B
Copper electrode with a silver tip insert.

Sample C
Ordinary copper electrode without any silver content.

Our **SilverEX-Electrode** technology utilizes an advanced hafnium insert that is up to three times longer than ordinary copper electrodes. The **SilverEX-Electrode** exposes one end of the hafnium insert in direct contact with cooling fluids to provide a cooler running cutting operation.

Adding silver onto a copper base electrode improves performance but the connection actually creates resistance and a loss of power as the electrical current attempts to transfer from one metal to another. Compared to **SilverEX-Electrode** technology, the copper/silver combination doesn't really cut it!

SilverEX-Electrodes are made for heavy-duty, mechanized cutting applications. The combination of faster cutting speed and better heat transfer makes this an extremely cool running electrode. You'll experience your greatest payback when cutting materials from 1/4" to 2". The higher the power factor, the greater the advantage of **SilverEX-Electrodes**.

The fact is, silver conducts electricity better than copper. So Thermacut engineered an electrode from end to end using solid, pure silver and combined it with special alloys (that's a secret!) to increase overall durability. The cutting results are simply amazing! Because more power is delivered directly to the cut, you can dramatically increase your cutting speed up to 40%!

More power, more speed.

But silver has another unique property. It transfers heat better than copper which means your torch with a SilverEX-Electrode will run cooler. The cooler your torch operates, the longer all of your consumables will last.

Run cooler, run longer.

So what happens when your torch head is running faster and cooler? You get better cuts! Your kerf widths are tighter, angles are better and since you're removing less material, you'll have less slag to clean up.

Better precision, better production.

Of course, seeing is believing. Call your friendly Thermacut distributor for a free sample of SilverEX-Electrodes.



Discover the advantages of SilverEX-Electrodes and improve your bottom line.




Fabricators Consumables & Equipment

TungstenEX[®]


NOZZLE

suitable for:
Hypertherm[®] MAX200[®]



020605-W
T-10287
Nozzle, TungstenEX, 200A

suitable for:
Hypertherm[®] HT4400[®]




120934-UR-W
T-10184
Nozzle, TungstenEX, 400A

TungstenEX[®] Nozzles with 3x lifespan


Thermacut offers advanced plasma cutting technology for Max200[®], HPR130[®]/260[®], and HT4400[®] systems. TungstenEX[®] nozzles can offer three or more times longer lifetime than standard nozzles, depending on your cutting operation.

suitable for:
Hypertherm[®] HPR 130[®]/260[®]




220182-UR-W
T-4695
Nozzle, TungstenEX, 130A MS

suitable for:
Hypertherm[®] HPR 260[®]



220354-UR-W
T-4696
Nozzle, TungstenEX, 200A MS

suitable for:
Hypertherm[®] HPR 260[®]



220439-UR-W
T-4697
Nozzle, TungstenEX, 260A MS

TungstenEX[®] Nozzles are unique and only available through Thermacut.


TungstenEX[®] technology is patented in the USA (#6,963,045) and patent pending in EU countries.

-Significantly increased resistance to plasma arc erosion so the orifice maintains its shape.

-Improved heat resistance of the insert reduces rapid nozzle wear and delivers consistent cut quality.

- Increased resistance to the adhesion of molten spatter.

Standard Copper Nozzle




Plasma Chamber

Tungsten Insert

Nozzle Orifice

TungstenEX[®] Nozzle



Bi-Metal Industrial Products Inc. February 2012

Bi-Metal Industrial Products Inc. has your Competitive Solutions for Industry

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Email: info@bimetalinc.com or go to our website www.bimetalinc.com

All pricing is F.O.B. Bi-Metal Industrial Products Inc. location and expires 30 days from above date unless otherwise indicated.

Bi-Metal reserves the right to limit or discontinue offers at anytime.

The Vision we support is “To treat, assist all of our team, clients and people we meet so when we and they leave our presence, we and they have a good feeling of accomplishment”

Think Safety, Think Service, Think Quality, Think Variety, Think Innovation, Think Cutting Tools, Think Welding, Think Bi-Metal, Think Safety, Think Service,