



CUTTING & WELDING TECHNOLOGIES

Oxy-fuel processes

REGULATORS

Delivered with country specific cylinder connection, the GCE Premium regulators enable safe handling with high pressure gases.

They provide stable working pressure of the gases with requested flow-rate. The optimal solution of gas supply for oxy-fuel cutting up to 300 mm steel plate thickness. ISO 2503 type tested and certified by BAM Germany.



SAFETY

GCE Safe Guard products meet all the requirements of the European governing standard EN730-1 and EN730-2 and the international standard ISO5175.



1 FUNCTION SAFETY DEVICE
GCE SAFE-GUARD-1



Non return valve



2 FUNCTION FLASHBACK ARRESTOR
GCE SAFE-GUARD-2



Non return valve



Flame arrester



3 FUNCTION FLASHBACK ARRESTOR
GCE SAFE-GUARD-3



Non return valve



Flame arrester



Temperature sensitive cut off valve



5 FUNCTION FLASHBACK ARRESTOR
GCE SAFE-GUARD-5



Non return valve



Flame arrester



Temperature sensitive cut off valve



Pressure sensitive cut off valve

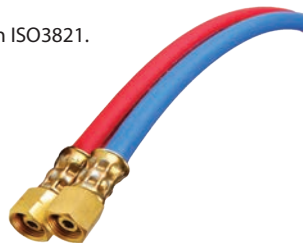


Reset mechanism

WELDING HOSES

GCE offers a wide range of welding hoses manufactured in accordance with ISO3821.

- Bulk hoses (singles and twins)
- Hoses with fittings (singles and twins)



PERSONAL PROTECTION

The SUPERVISOR Auto Darkening Goggle is a new generation product for personal protection.

Highly Effective for inspection, control and supervision of all kind of cutting and welding operations.

- Shades and sensitivity adjustment.
- Lightweight and simple frame, tight fit, and extra comfort.
- Optical Class: 1/1/1/2
- Free hands for your operations
- Perfect fit also with hard hat
- In compliance with EN379



CUTTING NOZZLES

The GCE hand cutting nozzle ranges includes nozzles for several applications, for example:

- Nozzle mix cutting systems



COOLEX® nozzle

- Injector cutting systems



- Gouging Nozzles



- Rivet cutting



GCE X511 ORIGINAL CUTTING TORCH

The GCE X511 Original cutting torch ranges is made for perfect cutting, developed to meet industry's highest demand. The design and profile is chosen to give perfect balance and optimum control in continuous operation.

SAFE AND SECURE

The main body components are brass, designed to withstand rough treatment. The strong metal handle in combination with stainless steel tubes makes the torch robust and safe to use.

HIGH CAPACITY AND EASY TO HANDLE

The well designed control knobs make it simple and fast to control the flame and the valves are designed to give smoothest possible control. The position of the lever gives ease and comfort of operation.



COOLEX® – 3 CONE SEALED CUTTING NOZZLES

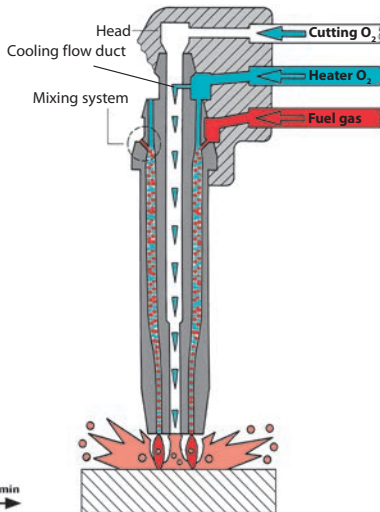
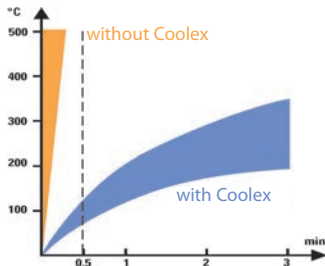
COOLEX® is the generic name for GCE's 3-cone sealed cutting nozzles which are an innovative development based on conventional cutting nozzles. The COOLEX® nozzles have a cooling flow duct patented by GCE.

In a conventional cutting nozzle, hot gas penetrates from the heating flame into the cutting duct, causing inappropriate heating of the cutting nozzle, often up to 500°C.

The COOLEX® nozzles with a cooling flow duct reduce the temperature of the nozzles and increase the operational function and the life time of the nozzle.

THE RESULTS:

- Higher lifetime of the nozzles
- Minimized risk of the flashback
- Fewer operational interruptions



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Gas Control Equipment

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