EWN&S

Gas & Welding Supplies

- Industrial Gases
- MIG & TIG Torches, Accessories & Consumables
- Gas Cutting & Accessories
- Filler Materials
- Electrodes
- Welding Machines & Plasma Cutters
- Oryx LPG
- Abrasives
- Safety Equipment & Protective Wear

The Company with Direction

www.ewns.co.za

Established in 1976

EWN&S Branches

SPRINGS
1 Jansen Road, Nuffield
Springs
Tel: 011 363 3330/2

NIGEL
10 Laver Street
Nigel
Tel: 011 814 6251/2

GERMISTON
45 Deodar Road
Primrose, Germiston
Tel: 011 828 9907/8

SASOLBURG
36 Geduld Street
Sasolburg
Tel: 016 976 0053

Level 2 B-BBEE Contributor

EWN&S
Gas & Welding Supplies

Silver Flow Non-Copper Coated Welding Wire

The new generation silver flow non-copper coated welding wire offers significant improvement in quality and productivity meaning that users can reduce their cost of manual-mechanised and especially robotic welding.
Due to its non-copper and improved wire surface, the wire avoids contamination problems associated with copper coating such as:

- Build up on the wire feeder units
- Clogging of liners, torches and contact tips.

Consistent welding performance	- Consistent weld - High weld quality
Stable-Arc	- Reduces re-work - No post weld cleaning
Excellent ARC ignition	- Higher productivity
Extremely Low Spatter	- Reduce post weld cleaning - Reduction in PPE cost due to less spatter
Low Fume Emmission	- Cleaner working environment - Healthier welders due to less fume inhalation
Non-Copper Coated wire surface	- No contamination on wire feeders, liners, drive-rolls, torches and contact tips

ORYX ENERGIES

A clean energy source:

- LPG is one of the cleanest conventional fuels available.
- LPG demonstrates lower GHG (Greenhouse Gas) emissions than coal, wood and electricity on an energy-equivalent basis.
- LPG produces less air pollutants than diesel, oil, wood or coal.
- Used appropriately, LPG can reduce the GHG emissions of a typical household by 25%.

AIR PRODUCTS

BUSINESS

Packaged Gas: Air Products South Africa's Packaged Gas division provides 'total gas management solutions'. By working closely with their customers, the company understand their needs and are able to offer flexible supply solutions to match customers' changing gas demands. With distributors across all nine provinces, Air Products' packaged gas is always obtainable within close proximity.
Speciality gases include pure gases, gas mixtures, process chemicals and helium.
Industrial gases include argon, carbon dioxide, hydrogen, nitrogen, oxygen and dissolved acetylene are distributed in the same way as the speciality gases.
The industrial gases and specialty gases are distributed gas via cylinder, Minitank, Maxitank and CryoEase®, a convenient alternative to cylinders in smaller operational spaces.

CryoEase® is a useful alternative to cylinders and Air Products South Africa is the only gas company to provide liquid product on their customers' sites through this mode. There are a number of tanks to choose from, depending on the volume usage, all of which are modular, moveable and convenient. **CryoEase®** is well suited for customer who use ten large cylinders or more per month.

WELDING & CUTTING GAS CYLINDER IDENTIFICATION CHART

TIG, MIG & PLASMA GASES

FLUXCORED & METALCORED GASES

STANDARD MAG GASES

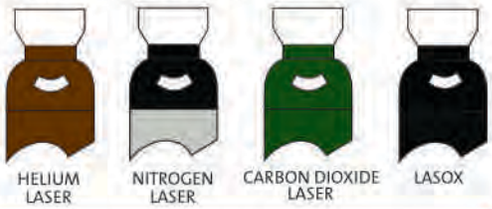
Coogar gas range offers excellent weld quality. These batch certified blends are pressurised at 200 Bar

STANDARD GAS FOR S/STEEL MAG WELDING

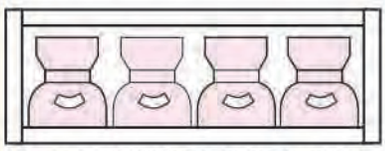
PURGING, FORMING & INERTING GASES

FLAME CUTTING PROCESS GASES

LASER CUTTING GASES



10-18 CYLINDER PACKS



Available in ARGON, NITROGEN, OXYGEN, HELIUM, CO2, MIXTURES, on request
Cylinder colour according to gas type.

LEGEND

TIG - Tungsten Inert Gas
MIG - Metal Inert Gas
MAG - Metal Active Gas
S/STEEL - Stainless Steel

Fabrication
Light: 1-8mm
Medium: 8-15mm
Heavy: 15mm plus

DISCLAIMER

The company accepts no responsibility for any errors or omissions. The contents of this chart are for indication purposes only. Decals provided on the cylinders to be used as the primary method of identification.

Material Safety Data Sheets are available on request or they can be downloaded from Air Products website:
www.airproducts.com/msds or www.airproducts.co.za/msds

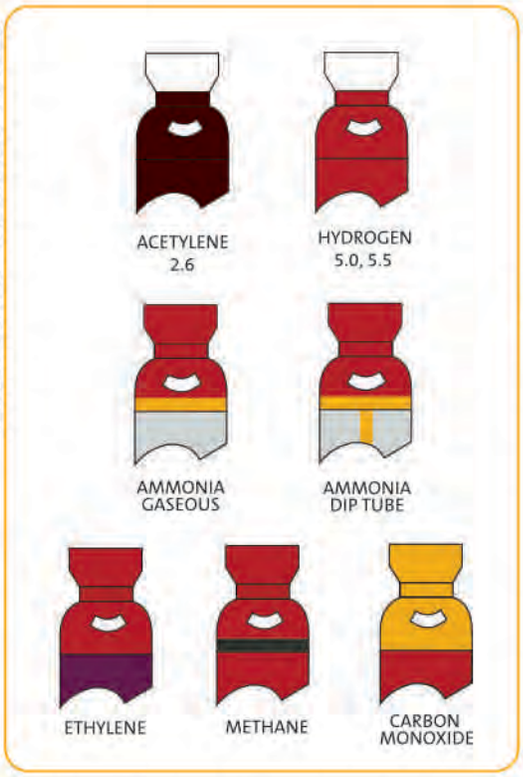
EMERGENCY CONTACT 0800 650315 / 011 977 6444

Revision date 11/2011

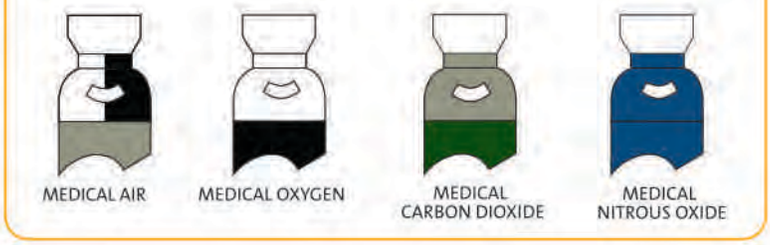
SPECIALITY GAS CYLINDER COLOUR IDENTIFICATION CHART

OXIDANTS & INERT GASES

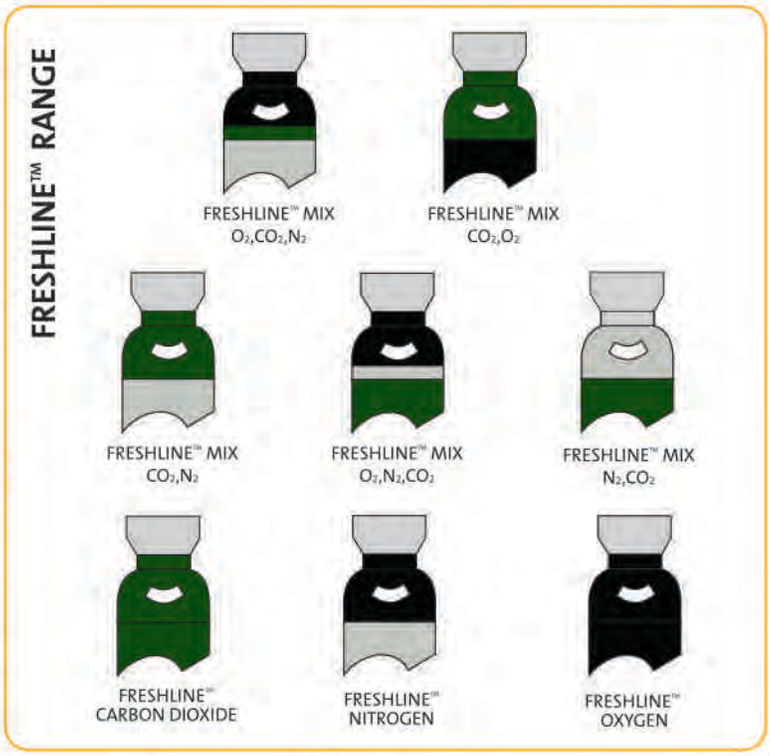
FLAMMABLE & TOXIC GASES



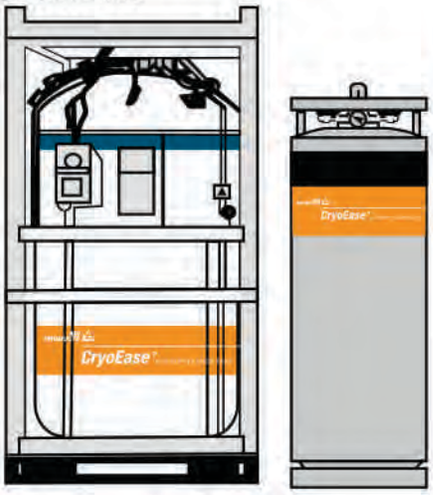
MEDICAL GASES



FRESHLINE™ RANGE



MAXITANK AND MINITANK SOLUTIONS



Also available in very high pressure for laser applications.

OTHER SPECIALTY GASES & MIXTURES

EWN&S
Gas & Welding Supplies

GAS CUTTING TORCHES & ACCESSORIES

Argon Flow Meter

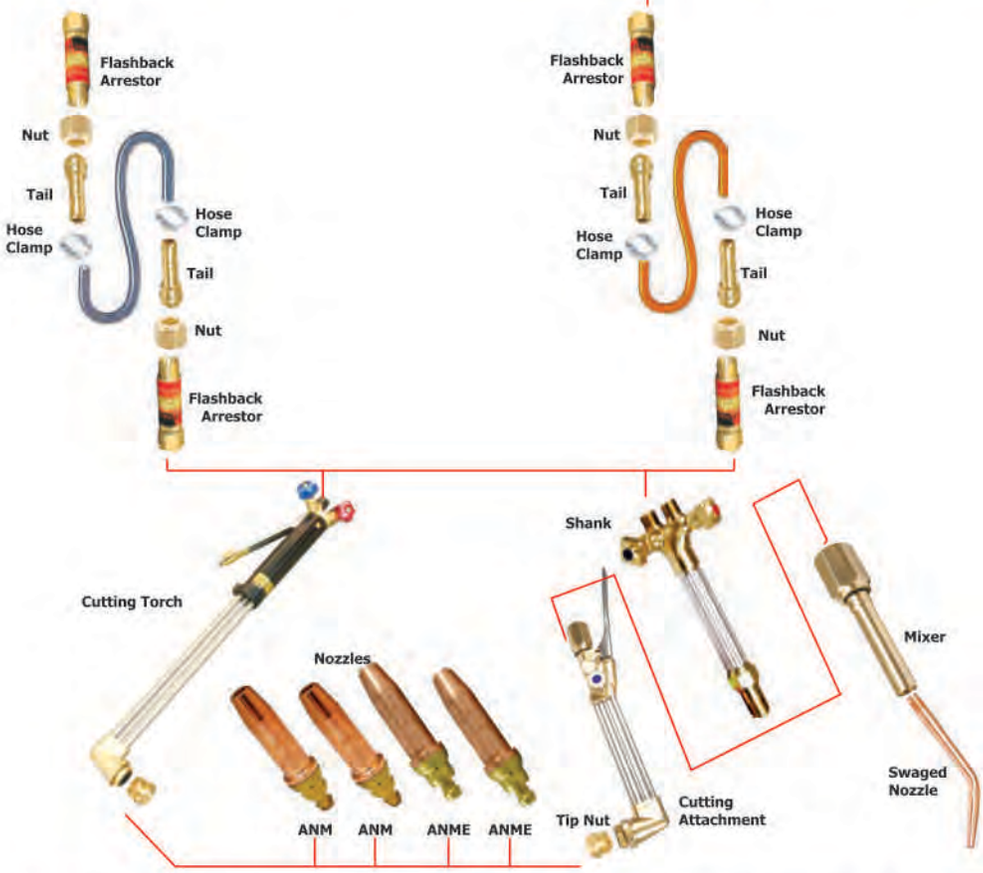
Oxygen Regulator

Acetylene Regulator

LPG Regulator

NOW WITH EXTENDED STEM

SETUP. OXY/ACETYLENE/LPG GAS CUTTING



Y-Piece - Oxygen Argon

"Y" Piece - Acetylene

GAS WELDING KIT & ACCESSORIES

Welding and Cutting Kit

- A professional welding and cutting kit presented in a strong polypropylene carry case
- Cutting capacity of up to 200mm and a welding capacity of 9mm this is the ideal kit for precise welding, soldering, brazing and cutting

- 1-Torch handle
- 1- Cutting attachment
- 1- Mixer
- 1- Single stage oxygen regulator
- 1- Single stage acetylene regulator
- 2- Torch mounted flashback arrestors
- 1- ANM 0.8mm cutting nozzle
- 3- Swaged welding nozzles (3,5,7)
- 1- 6 metre twin hose with 3/8" fittings
- 1- Goggles
- 1- Flint lighter

Flashback Arrestors

Size	Type	Mount	Packing
3/8"	British	Acetylene Reg	Each
3/8"	British	Acetylene Torch	Each
3/8"	British	Oxygen Reg	Each
3/8"	British	Oxygen Torch	Each
9/16	American	Acetylene Reg	Each
9/16	American	Acetylene Torch	Each
9/16	American	Oxygen Reg	Each
9/16	American	Oxygen Torch	Each

Triple Flint Lighters & Refills

Long Type Nozzle Cleaner

330mm Circle Cutting Attachment

GAS CUTTING TORCHES & ATTACHMENTS

Black Handle Cutting Torch

Cutting Attachment

Brass Cutting Torch

Handle / Shank

Mixer

Torch Mixer - High Capacity

EWN&S
Gas & Welding Supplies

HEATING & CUTTING NOZZLES

Brazing Nozzles

Tip Size	Material Thickness	Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Nozzle Length
3	2.0mm	1	0.15	130mm
5	2.6mm	1	0.15	
7	3.2mm	1	0.15	130mm

Heating Nozzles

Type

2H
3H
4H
5H

ANM Cutting Nozzles (short)

Nozzle Size	Cutting Thickness	Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Nozzle Length
0.8mm 1/32" #1	1-5mm	1.5	0.5	75mm
1.2mm 3/64" #2	5-10mm	2	0.5	75mm
1.6mm 1/16" #3	10-30mm	2.5	1	75mm
2.0mm 5/64" #4	30-60mm	3	1	75mm
2.4mm 3/32" #5	60-100mm	3.5	1.5	75mm

ANME Cutting Nozzles (long)

Nozzle Size	Cutting Thickness	Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Nozzle Length
0.8mm 1/32" #1	1-5mm	1.5mm	0.5	88mm
1.2mm 3/64" #2	5-10mm	2	0.5	88mm
1.6mm 1/16" #3	10-30mm	2.5	1	88mm
2.0mm 5/64" #4	30-60mm	3	1	88mm
2.4mm 3/32" #5	60-100mm	3.5	1.5	88mm

PNM Cutting Nozzles

Nozzle Size	Cutting Thickness	Oxygen Pressure (Bar)	Propane Pressure (Bar)	Length
0.8mm 1/32" #1	1-5mm	1.5	0.5	75mm
1.2mm 3/64" #2	5-10mm	2	0.5	75mm
1.6mm 1/16" #3	10-30mm	2.5	1	75mm
2.0mm 5/64" #4	30-60mm	3	1	75mm
2.4mm 3/32" #5	60-100mm	3.5	1.5	75mm
3.2mm 1/8" #6	100-200mm	4	1.5	75mm

PNME Cutting Nozzles (long)

Nozzle Size	Cutting Thickness	Oxygen Pressure (Bar)	Propane Pressure (Bar)	Length
0.8mm 1/32" #1	1-5mm	1.5	0.5	92mm
1.2mm 3/64" #2	5-10mm	2	0.5	92mm
1.6mm 1/16" #3	10-30mm	2.5	1	92mm
2.0mm 5/64" #4	30-60mm	3	1	92mm
2.4mm 3/32" #5	60-100mm	3.5	1.5	92mm
3.2mm 1/8" #6	100-200mm	4	1.5	92mm

6290 NX Propane Cutting Nozzles

Nozzle Size	Cutting Thickness	Oxygen Pressure (Bar)	Propane Pressure (Bar)	Length
0.8mm 1/32" #1	1-5mm	1.5	0.5	75mm
1.2mm 3/64" #2	5-10mm	2	0.5	75mm
1.6mm 1/16" #3	10-30mm	2.5	1	75mm
2.0mm 5/64" #4	30-60mm	3	1	75mm
2.4mm 3/32" #5	60-100mm	3.5	1.5	75mm
3.2mm 1/8" #6	100-200mm	4	1.5	75mm

2890 American Style Cutting Nozzles

Nozzle Size	Cutting Thickness	Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Length
2890-1F	0-10mm	1.0-1.5	0.20	78mm
2890-2F	10-50mm	1.5-2.5	0.30	78mm
2890-3F	50-100mm	3.0-4.5	0.50	78mm
2890-4F	100-150mm	5.0-5.5	0.70	78mm

STRAIGHT LINE CUTTER, HOSE & ACCESSORIES

Tracks interlock for directional stability

Cutting Thickness	Cutting Speed	Power	Weight	Size
80-90mm	150-800mm/min	220V AC	9.5kg	315 x 140 x 175mm

Oxygen & Acetylene Hose

Hose Clamps

8mm Hose Clamps

Type	Size
Acetylene	8mm x 100mm
Oxygen	8mm x 100mm

LPG REGULATOR, TORCHES, NECK TUBES & BURNERS

LPG Regulator Low Pressure

LPG Torch Handle with Economiser

LPG Torch Handle - No economiser

LPG Neck Tubes for LPG Torches

LPG Torch Handle - No economiser

LPG Neck Tubes for LPG Torches

Nozzle Size	Operating Pressure
19mm	200kPa
25mm	200kPa
29mm	200kPa
32mm	200kPa
42mm	200kPa

GAS FITTINGS

Tip Nuts

Bull Nose Stem & Nuts

Nuts & Tail Pieces

Size / Type
3/8" Oxy R/H
3/8" Oxy R/H
3/8" Tail Piece

Size / Type
9/16" Tail Piece
9/16" Oxy R/H
9/16" Acet L/H

Afrox Portapak

- The Afrox Portapak is the ideal welding and cutting set for those difficult-to- get to jobs
- Light and robust, yet still having man-sized capabilities, it is easily removed by one person, and can be fitted through hatches into service vehicles
- Because of its small size and portability, the set is ideal for emergency vehicles or on maintenance duty in industry where portability is a must
- The PortaPak is ideal for fusion weld steel, braze weld, silver solder, heating and cutting
- Nozzles provided with fusion weld steel up 4mm and cut steel up to 5mm thick
- The cutting capability can be extended to 20mm by using the AFN 1,2mm nozzle or to +- 35mm using the AFN 1.8mm

MIG WELDING TORCHES & ACCESSORIES

ABICOR BINZEL®

MIG/MAG Welding Torches MB EVO PRO, air cooled

TECHNICAL DATA:

TYPE	MB EVO PRO15	MB EVO PRO24	MB EVO PRO25	MB EVO PRO26	MB EVO PRO36
RATING					
Co2	180A	250A	230A	270A	320A
Mixed Gases M21 *	150A	220A	200A	240A	290A
Duty Cycle %	60	60	60	60	60
Wire Ø (mm)	0.6-1.0	0.8-1.2	0.8-1.2	0.8-1.2	0.8-1.2

MIG/MAG Welding Torches MB EVO PRO, liquid cooled

TECHNICAL DATA:

TYPE	MB EVO PRO 240D	MB EVO PRO 401	MB EVO PRO 401D	MB EVO PRO 501	MB EVO PRO 501D
RATING					
Co2	325A	475A	450A	575A	550A
Mixed Gases M21 *	300A	425A	400A	525A	500A
Duty Cycle %	100	100	100	100	100
Wire Ø (mm)	0.8-1.2	0.8-1.2	0.8-1.2	1.0-1.6	1.0-1.6

EWN&S BNZ TYPE TORCHES

BNZ TYPE MIG Torch BNZ 15

BNZ 15 Torch Complete
150 Amp x 4 Metre

- Duty Cycle 60%
- Wire Ø 0.6 - 1.0mm
- Rating 150 Amp Mixed Gas
- Length 4 Meters

BNZ 15 MIG/MAG torch combines quality, design and performance to ensure optimum hassle-free operation
Quality Italian designed and manufactured power cables ensure maximum flexibility and abrasion resistance. Cable design allows for optimal cooling thus ensuring maximum duty cycles. The BNZ 15 is ideally suited for light engineering applications
Its compact design finds favour with those in the automotive and panel repair industries who require ease of access.

BNZ TYPE MIG Torch BNZ 25

BNZ 25Torch Complete
230 Amp x 4 Metre

- Duty Cycle 60%
- Wire Ø 0.6 - 1.2mm
- Rating 230 Amp Mixed Gas
- Length 4 Meters

BNZ 25 MIG/MAG torch combines quality, design and performance to ensure optimum hassle-free operation.
Quality Italian designed and manufactured power cables ensure maximum flexibility and abrasion resistance.
Cable design allows for optimal cooling thus ensuring maximum duty cycles.

BNZ TYPE MIG Torch BNZ 36

BNZ 36 Torch Complete
270 Amp x 4 Metre

- Duty Cycle 60%
- Wire Ø 0.8 - 1.2mm
- Rating 270 Amp Mixed Gas
- Length 4 Meters

BNZ 35 MIG/MAG torch combines quality, design and performance to ensure optimum hassle-free operation. Quality Italian designed and manufactured power cables ensure maximum flexibility and abrasion resistance. Cable design allows for optimal cooling thus ensuring maximum duty cycles.

The BNZ 35 offers the versatility of both M6 and M8 contact tips and is the perfect intermediate torch for both medium and heavy duty applications.

BNZ Style MIG Torch BNZ 40

BNZ 40 Torch Complete
320 Amp x 4 Metre

- Duty Cycle 60%
- Wire Ø 0.8 - 1.2mm
- Rating 270 Amp Mixed Gas
- Length 4 Meters

BNZ 40 MIG/MAG torch combines quality, design and performance to ensure optimum hassle-free operation. Quality Italian designed and manufactured power cables ensure maximum flexibility and abrasion resistance. Cable design allows for optimal cooling thus ensuring maximum duty cycles.

The BNZ 40 is ideally suited to heavy duty applications engineering shops.

BNZ TYPE Water Cooled MIG Torch BNZ 501

BNZ 501
Torch Complete
500 Amp x 4 Metre
Water Cooled

Duty Cycle: 100%
Wire Ø: 1.0 - 2.0mm
Rating: 500 Amp Mixed Gas
Length: 4 Metres

BNZ 501 MIG/MAG torch combines quality, design and performance to ensure optimum hassle free operation. Quality Italian designed and manufactured power cables ensure maximum flexibility and abrasion resistance. This water cooled torch allows for optimal cooling thus ensuring the maximum duty cycle
The BNZ 501 is ideally suited to heavy duty applications in engineering shops.

TWEECO TYPE MIG Torch TWC No.4

Duty Cycle: 60%
Wire Ø: 0.8 - 1.6mm
Rating: 360 Amp
Length: 4 Metres

TWC No.4
Euro Torch Complete
360 Amp x 4 Metre

TWC No. 4 MIG/MAG torch combines quality, design and performance to ensure optimum hassle free operation.
Quality Italian designed and manufactured power cables ensure maximum flexibility and abrasion resistance.
This Heavy Duty torch is based on the original American TWC MIG gun and all parts are fully interchangeable.
The TWC No. 4 is ideally suited to heavy duty applications in engineering shops.

TWEECO TYPE MIG Torch TWC No.5

Duty Cycle: 60%
Wire Ø: 0.8 - 1.6mm
Rating: 420 Amp
Length: 4 Metres

TWC No.5
Euro Torch Complete
420 Amp x 4 Metre

TWC No. 5 MIG/MAG torch combines quality, design and performance to ensure optimum hassle free operation. Italian designed and manufactured quality red power cables ensure maximum flexibility and abrasion resistance.
Heavy duty torch is based on the original Amercican TWC MIG gun and all Matweld parts are fully interchangeable
The TWC No. 5 is ideally suited to heavy applications in engineering shops.

TWEECO ACCESSORIES

TWC Contact Tips

Description
14H35 0.0 #4
14H40 1.0 #4
14H45 1.2 #4
14H52 1.4 #4
14H116 1.6 #4
14H564 2.0 #4

Description
15H40 1.0 #5
15H45 1.2 #5
15H52 1.4 #5
15H116 1.6 #5
15H564 2.0 #5
15H332 2.4 #5

Gas Diffusers

Description
54A MOD 4
55 MOD 5
55H MOD 5

Nozzles & Shrouds

Description
24CT75 #4
23.62 #4
Insulator 34CT #4
24CT62 #4

Description
Insulator 35CT #5
25CT62 #5
25CT75 #5

Liners

Description
4,5m 2,6 #5
4,5m 2,1 #4

Swan Necks / Conductor Tubes

Description
54A60 #4
65A60 #5

Anti Spatter Spray

Size	Type
400ml	Non-silicone
400ml	Silicone
400ml	Silicone

EWN&S
Gas & Welding Supplies

TIG WELDING TORCHES & ACCESSORIES

TIG Torch 150 Amp 17 Series	TIG Torch 350 Amp 18 Series	TIG Torch 200 Amp 26 Series
	 Requires water cooler	

TIG ACCESSORIES

Back Caps Long & Short	Collets Body	Torch Handles
Collets	**Alumina Cup Nozzles**	**Switch boots & Switch**
Cup Gaskets Back & Front	**Valves**	**Nut Tail & Nipple**
Oetiger	**Tungstens**	**Cable Connector**

EWN&S
Gas & Welding Supplies

ELECTRODES & FILLER MATERIAL

Low Hydrogen E7018-1

AWS A5.1.E7018-1
DIN 1913 E51 55 B10

Size	Weight
2.5mm	4 & 5kg
3.2mm	4kg
4.0mm	4 & 5kg
5.0mm	4Kg

Iron Powder 7024

AWS A5.1.E7024
DIN 1913 E51 45RR 11 160

Size	Weight
3.2mm	5kg
4.0mm	5kg
5.0mm	5kg

Stainless Steel E308-16

AWS ASME SFA 5.4 E308L-16
DIN 8556 E19 19 LR26

Size	Weight
2.5mm	5kg
3.2mm	5kg
4.0mm	5kg

Stainless Steel E309MOL-16

AWS ASME SFA 5.4 E309MoL-16
DIN 8556 E22 14.3 LR232

Size	Weight
2.5mm	1 & 5kg
3.2mm	1 & 5kg
4.0mm	1 & 5kg

Stainless Steel E310-16

Size	Weight
2.5mm	5kg
3.2mm	5kg
4.0mm	5kg

Stainless Steel E312-16

AWS ASME SFA 5.4 E312-16
DIN 8556 E29 9 LR23

Size	Weight
2.5mm	5kg
3.2mm	5kg
4.0mm	5kg

Stainless Steel E316-16

AWS ASME SFA 5.4 E316-16
DIN 8556 E19 12 3 LR26

Size	Weight
2.5mm	1 & 5kg
3.2mm	1 & 5kg
4.0mm	1 & 5kg

Cast Iron ENiFe-CI

AWS A5.15 ENiFe-CI
DIN 8573 ENiFe-1 G24

99% - Silicon
55% - Silicon

Size	Weight
2.5mm	5kg
3.2mm	5kg
4.0mm	5kg

BRAZING RODS, SILVER SOLDER

Siver Solder - Bare

Size	% Silver
1.5mm	20
1.5mm	30
1.5mm	40
1.5mm	50

Silver Solder - Flux Coated

Size	% Silver
1.5mm	20 (white)
1.5mm	30 (blue)
1.5mm	40 (yellow)

Brazing Rods

Size	Brazing Rod Type
1.6mm	Bare
2.0mm	Bare
3.0mm	Bare
2.0mm	Flux Coated
3.0mm	Flux Coated

Copper Brazing Rods

Size	% Silver	Grade
2.0mm	0	AWS BCup-2
3.0mm	0	AWS BCup-2
2.0mm	2	AWS BCup-6
3.0mm	2	AWS BCup-6
2.0mm	5	AWS BCup-3
3.0mm	5	AWS BCup-3
3.0mm	15	AWS BCup-5

EWN&S
Gas & Welding Supplies

MILD STEEL / ALUMINIUM & STAINLESS STEEL MIG WIRE

70S-6 Mildsteel Copper (15kg spool)

Size	Weight
0.6mm	5kg
0.8mm	5kg
0.9mm	1kg
0.8mm	15kg
0.9mm	15kg
1.0mm	15kg
1.2mm	15kg
1.6mm	15kg

4043 Aluminium MIG Welding Wire

95% Aluminium - 5% Silicon

Size	Weight
1.0mm	7kg
1.2mm	7kg
1.6mm	7kg

5356 Aluminium Welding Wire

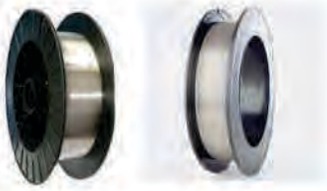
95% Aluminium - 5% magnesium

Size	Weight
1.0mm	7kg
1.2mm	7kg
1.6mm	7kg
0.8mm	15kg

308LSI /309LSI / 316LSI MIG Wire

308LSi		309LSi		310LSi	
Size	Weight	Size	Weight	Size	Weight
0.8mm	15kg	0.8mm	15kg	0.8mm	15kg
0.9mm	15kg	0.9mm	15kg	0.9mm	15kg
1.0mm	15kg	1.0mm	15kg	1.0mm	15kg
1.2mm	15kg	1.2mm	15kg	1.2mm	15kg

310 / 312 MIG Welding Wire



310		312	
Size	Weight	Size	Weight
1.2mm	15kg	1.2mm	15kg

Flux Cored MIG Wire

High Chrome Carbide Alloy Steel

Size	Weight
1.2mm	15kg

MILD STEEL / ALUMINIUM & STAINLESS STEEL TIG WIRE

4043 TIG Wire

95% Aluminium 5% Silicon

Size	Weight
1.6mm	5kg
2.4mm	5kg
3.2mm	5kg

5356 Aluminium Tig Welding wire

95% Aluminium 5% Magnesium

Size	Weight
1.6mm	5kg
2.4mm	5kg
3.2mm	5kg

70S-6 Mild Steel TIG Welding Wire

Copper Coated Solid Wire

Size	Weight
1.6mm	5kg
2.0mm	5kg
2.4mm	5kg
3.2mm	5kg

308L Stainless Steel TIG Wire

Size	Weight
1.6mm	5kg
2.4mm	5kg

309L Stainless Steel TIG Wire

Size	Weight
1.6mm	5kg
2.4mm	5kg

316L Stainless Steel TIG Wire

Size	Weight
1.6mm	5kg
2.4mm	5kg
3.2mm	5kg

MatLux Silver Solder Flux

Flux - Brazing

WELDING MACHINES

MAT-WELD

AC Welder & DC Inverter Welder

Single Phase 220V
AC Air cooled ARC
Welder - MMA

Multifuntion & DC Inverter Welder

Welder
Professional
Multifunction
Stick
TIG & Plasma

TIG Welders

ARC500 Three Phase
360V DC
Professional Inverter
MMA/TIG - 500A

TIG Welders

TIG 200P
Single Phase
220V TIG/MMA
AC/DC Welder

Aluminium

MATWELD Welder MIG 350A

Three Phase 380V & 380V/525V
Dual Voltage
Transformer MIG Welder

MATWELD Welder MIG 500A SEP FEED(H)

Three Phase 380V & 380V/525V
Dual Voltage
Transformer MIG Welder

EWN&S
Gas & Welding Supplies

TRADEweld

ARC PRO IGBT DC Inverters

MODEL	ARCPRO 1700	ARCPRO 2200
PART NUMBER	MCOW4051	MCOW4052
BARCODE	6003398087961	6003398087978
OUTPUT		
PROCESS	MMA	MMA
ELECTRODE SIZE	1.6MM TO 3.2MM	1.6MM TO 4.0MM
AMPS	160	200
VOLTS	18	20
DUTY CYCLE	60%	60%
OCV	57	57
INPUT		
VOLTS	220	220
AMPS	26	32.1
GENERAL		
COOLING	FAN	FAN
IP	21S	21S
DIMENSIONS (MM)	L-1060XW-450XH-936	L-1060XW-450XH-936
NET WEIGHT (KG)	3.2	5

MIG 505 S

MODEL	MIG 505 S	MIG 505 SD
PART NUMBER	EWM0028-IL	EWM0140-IL
BARCODE	6003398070888	6003398070895
OUTPUT		
PROCESS	MIG	MIG
SOLID WIRE Ø	1.0MM TO 2.0MM	1.0MM TO 2.0MM
MAX STEEL THICKNESS	2.0MM TO 20MM	2.0MM TO 20MM
FLUX CORED WIRE Ø	1.0MM TO 3.2MM	1.0MM TO 3.2MM
AMPS	500	500
DUTY CYCLE	60%	60%
OCV	17-52	17-52
INPUT		
VOLTS	380	380-525
AMPS	41	47-32
GENERAL		
COOLING	FAN	FAN
IP	21S	21S
DIMENSIONS (MM)	L-1060XW-450XH-936	L-1060XW-450XH-936
NET WEIGHT (KG)	155	158

MIG 2800S INDUSPRO

MODEL	MIG 2800S INDUSPRO
PART NUMBER	EWM0138-I
BARCODE	6003398094631
OUTPUT	
PROCESS	MIG
VOLTS	14-28V
SOLID WIRE Ø	0.6 /0.8 /1.0MM
FLUX CORED WIRE Ø	-
AMPS	MMA: 25-250/TIG: 15-250/MIG:50-250
DUTY CYCLE	60%@250A
OCV	61
INPUT	
VOLTS	220V±15% 50/60HZ
AMPS	MMA: 18.5/MIG:51.6
GENERAL	
COOLING	FAN
IP	23
DIMENSIONS (MM)	L-900XW-520XH-765
NET WEIGHT (KG)	51

WELDING & ACCESSORIES

Earth Clamp

300A / 400A / 500A / 600A

KD Style Electrode Holder

300A / 500A / 600A

OPTIMUS Electrode Holder

300A / 400A / 600A

TWIST-LOCK Electrode Holder

600A

Welding Cable (230 A)

WELDERS Wire Brush 5 Row

Chipping Hammer 300G

S/Steel Welders Wire Brush

Dinse Type Cable Connectors

10/25 Cable Connectors
30/50 Cable Comnectors
50/70 Cable Connectors
70/95 Cable connectors

Panel Sockets

For use with
10/25 35/50 & 50/70
Dinse Connectors

Cable Lugs

For all welding cable sizes

Welding Cable

Double insulated
colour coded - SABS Approved

PLASMA CUTTERS, PLASMA TORCHES & SPARES

MATCUT 100 IGBT	MATCUT 50 IGBT	MATCUT 70 IGBT	MATCUT 100 IGBT
Three Phase 80V	Single Phase 220V	Three Phase 380V	Three Phase 80V

Outer Nozzle

Plasma Tip

Plasma Electrode

Description
A51 Complete Torch
Outer Nozzle
Plasma Tip 0.8mm
PlasmaTip 1.0mm
Plasma Electrode

Air Diffuser

Outer Nozzle

Plasma Electrode

Description
A101 Complete Torch
Stand off Guide
Outer Nozzle
Plasma Tip 1.1mm
Plasma Tip 1.4mm
Plasma Tip 1.7mm
Plasma Tip 1.9mm
Plasma Electrode
Air Diffuser

PT31 PLASMA TORCH

- Torch Length 5m
- Air Pressure (4.5-5.5 bar)
- Duty Cycle 60% @ 40amps

AG-60 PLASMA TORCH

- Torch Length 5m
- Air Pressure (4.5-5.5 bar)
- Duty Cycle 60% @ 70amps

P-80 PLASMA TORCH

- Torch Length 5m
- High Frequency
- Duty Cycle 80% @ 100amps

A81 AIR COOLED PLASMA TORCH

- With central adaptor
- Torch Length 6m
- High Frequency
- Duty Cycle 60% @ 80amps

A101 AIR COOLED PLASMA TORCH

- With central adaptor
- Torch Length 6m
- High Frequency
- Duty Cycle 60% @ 100mps

A141 AIR COOLED TORCH

- With central adaptor
- Torch Length 6m
- High Frequency
- Duty Cycle 60% @ 110mps

EWN&S
Gas & Welding Supplies

ESAB

OK 46.00 is the best, all-round, rutile electrode and it is relatively insensitive to rust or other surface impurities. It deposits smooth weld beads in all positions, including vertically down, and the stag is easy to remove.
OK 46.00 is very easy to strike and restrike, making it ideal for short welds, root runs and tacking.

OK 55.00 is a reliable, high quality, LMA eletrode, particularly suitable for welding high strength low-alloy steels. The good, low temperature impact strength of the weld metal should be noted. The weld metal is also very resistant to hot cracking. The electrode is also suitable for welding high strength ships, steel, grades A, D and B

ESAB offers an extensive range of consumables for joining materials with the submerged arc welding process

REBEL Series Welding

Dual input voltage machines for MIG/MMA/Lift Tig

The Rebel Series Welding Machines offer 120/230V flexibility and some of the most innovative welding technology available. A breakthrough design inspired by professional welders, the Rebel is a complete package to weld anything - mild steel, aluminium, stainless steel - and go anywhere

Origo™ Mig C250 3ph

The Origo Mig C250 3ph are three-phase step regulated welding power sources for MIG/MAG welding. A built-in wire feeder and the low weight of the units make them perfect, practical solutions for farmers, repair shops and light production units

Warrior™ 400i/500i CC/CV Power Source

The reliable multi-process welding equipment designed for heavy duty productivity with up to 500 amps delivered

EWN&S
Gas & Welding Supplies

REINFORCED GRINDING WHEELS

Steel / cast iron

E 100-6 A 30 P PSF/16.0
E 115-6 A 30 P PSF/22,23
E 125-6 A 30 P PSF/22,23
E 178-7 A 30 P PSF/22,23
E 230-7 A 30 P PSF/22,23

UNIVERSAL LINE - PS-FORTE

INOX

E 100-6 A 30 M PSF-INOX/16,0
E 115-6 A 30 M PSF-INOX/22,23
E 125-6 A 30 M PSF-INOX/22,23
E 178-7 A 30 M PSF-INOX/22,23
E 230-7 A 30 M PSF-INOX/22,23

REINFORCED GRINDING WHEELS

Steel

E 90-4 A 24 R SG/16,0
E 100-5 A 24 R SG/22,23
E 150-7 A 24 R SG/22,23
E 178-7 A 24 R SG/22,2
E 230-7 A 24 R SG/22.23
E 230-7 A 24 R SG/22,23 T304
E 230-8 A 24 R SG/22,23

PERFORMANCE LINE - SG ELASTIC

INOX

E 115-6 A 30 N SG-INOX/22,23
E 150-7 A 30 N SG-INOX/22,23
E 178-7 A 30 N SG-INOX/22,23
E 230-5 A 30 N SG-INOX/22,23
E 230-5 ZA 30 N SG-INOX/22,23
E 230-7 A 30 N INOX/22,23
E 230-7 A 30 N INOX/22,23

CUT-OFF WHEELS

Steel

EH 100-3,2 A 46 S SG/16.0
EH 115-3,2 A 30 S SG/22,23
EH 125-3,2 A 30 S SG/22,23
EH 178-3,2 A 24 S SG/22,2
E 230-3 A 24 S SG/22.23
E 230-7 A 24 R SG/22,23 T304
E 230-8 A 24 R SG/22,23

PERFORMANCE LINE - SG ELASTIC

INOX

EHT 100-2,4 A 46 R SG-INOX/16,0
EHT 115-1,0 A 60 R SG-INOX/22,23
EHT 115-1,6 A46 R SG-INOX/22,23
EHT 115-2,4 A 46 R SG-INOX/22,23
EHT 125-1,0 A 60 R SG-INOX/22,23
EHT 125-1,0 A 60 R SG-INOX/22,23
EHT 125-2,4 A 46 R SG-INOX/22,23
EHT 150-2,5 A 24 R SG-INOX/22,23
EHT 178-2,5 A 24 R SG-INOX/22,23
EHT 230-2,0 A 46 R SG-INOX/22,23
EHT 230-2,5 A 24 R SG-INOX/22,23
EHT 230-3,2 A 24 R SG-INOX/22,23

POLIFAN FLAP DISC

Steel/INOX/plastic / Conical type PFC

PFC 115 A 40 PSF/22,23
PFC 115 A 60 PSF/22,23
PFC 115 A 80 PSF/22,23
PFC 115 A 120 PSF/22,23
PFC 180 A 40 PSF/22,23
PFC 180 A 60 PSF/22,23

UNIVERSAL LINE - PSF

Steel/INOX

PFF 115 Z 40 PSF/22,23
PFF 115 Z 60 PSF/22,23
PFF 115 Z 80 PSF/22,23
PFF 180 Z 40 PSF/22,23
PFF 180 Z 60 PSF/22,23

POLIFAN FLAP DISC

Steel/INOX/plastic / Conical type PFC

PFF 115 A 40 SG/22,23
PFF 115 A 60 SG/22,23
PFF 115 A 80 SG/22,23
PFF 115 A 120 SG/22,23
PFF 180 A 40 SG/22,23
PFF 180 A 60 SG/22,23
PFF 180 A 80 SG/22,23
PFF 180 A 120 SG/22,23

PERFORMANCE LINE - SG

Steel/INOX

PFC 115 Z 40 SG-POWER/22,23
PFC 115 Z 60 SG-POWER/22,23
PFC 180 Z 40 SG-POWER/22,23
PFC 180 Z 60 SG-POWER/22,23

Tungsten Carbide Burrs

Mounted Points

EWN&S
Gas & Welding Supplies

BOSCH DRILLS & GRINDERS

GBM 1000 Professional GBM 100

Technical data
Specification overview

Rated power input	350 W
No-load speed	0 - 2500 rpm
Weight	1.2 kg
Impact rate at no-load speed	1 - 10 bpm
Drilling range	
Drilling diameter in aluminium	13 mm
Drilling diameter in wood	20 mm
Drilling diameter in steel	10 mm

GWS 26-230

Technical Data

Rated power input	2,500 W
No-load speed	6500 rpm
Grinding spindle thread	M 14
Main handle (rotating)	Bow
Disc diameter	230 mm
Weight	5.1 kg

GWS 9-115 P Professional

Technical Data

Rated power input	900 W
No-load speed	11500 rpm
Power output	530 W
Grinding spindle thread	M 14
Disc diameter	115 mm
Rubber backing pad	115 mm
Wire cup brush, diameter	75 mm
Length	353 mm
Height	102 mm
Weight	2.1 kg
Switch	Protection

HiKOKI HIGH PERFORMANCE POWER TOOLS GRINDING & SANDING POWER TOOLS

ANGLE GRINDER - HTC-G23MR

ACCESSORIES
1 Side handle
1 Wrench
1 Depressed Centre wheel

ANGLE GRINDER - HTC-G1252

ACCESSORIES
1 Side handle
1 Wrench
1 Depressed Centre wheel

ANGLE GRINDER - HTC-G23SF2

ACCESSORIES
1 Side handle
1 Wrench
1 Depressed Centre wheel

MAGNETIC BASE DRILL 12-32mm MILLING CAPACITY

ACCESSORIES
Auto Coolant System
3 Hexagon Wrenches
Cutting Oil
Ear Protectors
Safety Glasses
Safety Gloves
Safety Chain
Carrying Case

ECO32
13mm Drill - 770 W

MAGNETIC BASE DRILL 12-50mm MILLING CAPACITY NO. 2 MORSE TAPER

ACCESSORIES
3 Hexagon Wrenches
Cutting Oil
Ear Protectors
Safety Glasses
Safety Gloves
Safety Chain
Carrying Case

HTC-ECO50
23 mm Drill - 1150 W

Model	Capacity Milling	Twist Drill	No-Load Speed	Power Input	Magnetic Adhesion	Weight
HTC-BM20Y	12~32 mm	13 mm	550 RPM	770 W	1200 kg	9,5 kg
HTC-ECO50	12~50 mm	23 mm (MT2)	250/450 RPM	1150 W	1200 kg	13 kg

EWN&S
Gas & Welding Supplies

SAFETY EQUIPMENT & PPE

RESPIRATORY PROTECTION

Dust mask FFP1, SABS Approved
Dust mask FFP2, SABS Approved
Dust mask FFP2V, SABS Approved

Single Respirator Blue, SABS

Double Respirator Blue, SABS

A1 Cartridge, SABS

B1 Cartridge, SABS

P2 Cartridge, SABS

A1P2 Cartridge, SABS

B1P2 Cartridge, SABS

LEATHER GLOVES

Blue Welding Glove
with yellow palm
Elbow Length

Red heat resistant
Welding glove
Elbow Kevlar stitch

Red heat resistant
wrist length

Green lined glove
Shoulder length
Premium grade

Green lined glove
Elbow length
Premium grade

Green lined glove
Wrist length
Premium grade

Chrome leather glove
Shoulder length
Premium grade

Chrome leather glove
Elbow length
Premium grade

Chrome leather glove
Wrist length
Premium grade

Brick glove

Chrome leather glove
Apron palm wrist
length

Chrome leather glove
Apron palm wrist
Elbow length

VIP TIG
Glove
Pig Skin

VIP TIG Glove
Goat Skin

VIP TIG Glove Extend
Cuff
Goat Skin

Yellow Napa Glove
Cow Hide Skin

Candy Stripe Glove
Chrome Leather

Candy Stripe Glove
Pig Skin

Candy Stripe Rigger
Glove Blue Palm

EWN&S
Gas & Welding Supplies

LEATHER GLOVES ECONO GRADE

Green Lined Glove Elbow Length

Green Lined Glove Wrist Length

Chrome Leather Glove Elbow Length

Chrome Leather Glove Wrist Length

COTTON GLOVE

Cotton Glove

Polka Dot Glove Single side
Polka Dot Glove Double side

MECHANICAL GLOVES

Mechanical Glove Red

Mechanical Glove Black

NITRITE GLOVES

Nitrile coated Glove Smooth palm Red

Nitrile coated Glove Sandy palm Red

Nitrile coated Glove Smooth palm Lime

Nitrile coated Glove Sandy palm Lime

Blue Nitrile Coated glove

Green Nitrile Glove

PVC GLOVES

PVC Red glove Knit Wrist

PVC Red glove 27cm open cuff

PVC Red glove 35cm open cuff

PVC Red glove 40cm open cuff

PVC Red glove Rough palm Knit wrist

PVC Red glove Rough palm 27cm open cuff

PVC Red glove Rough palm 35cm open cuff

PVC Red glove Shoulder length (yellow attachment)

Green double dip jersey lined glove Elbow length

EWN&S
Gas & Welding Supplies

LEATHER CLOTHING

Chrome leather apron 1 piece
60 x 90
Chrome leather apron 1 piece
60 x 120

Chrome leather welding jacket
Size M,L,XL,2XL,3XL

Chrome leather yoke
Size M,L,XL,2XL,3XL

Chrome leather ankle spats

Chrome leather pants

Chrome leather knee spats

Knee pads black

FACE PROTECTION

Face Shield Clear

Replacement lenses

HEAD PROTECTION

CHIN Strap elastic 2 point

Safety Hard Hats all colours
SABS approved

Safety hard hat with safety lamp
All colours
SABS approved

WELDING HELMETS

Flip front welding helmet

MAGNUM S auto darking helmet
Non-adjustable

DECASOLA auto darking helmet
Non-adjustable

OTOSOLA auto darking helmet
Adjustable 9-13 with grinding function

BATMAN auto darking helmet
Adjustable 9-13 with grinding function

GARAGE auto darking helmet
Adjustable 9-13 with grinding function
Limited Edition

BUMP CAPS

Bump cap black

Bump cap navy

EWN&S
Gas & Welding Supplies

RAIN SUITS

Rubberised Rain Suit
Navy
Size: M,L,XL,2XL

Rubberised
Rain Suit
Yellow
Size: M,L,XL,2XL

Rubberised Rain
Suit Navy with
Reflective tape
Size: M,L,XL,2XL

Rubberised Rain
Suit Yellow with
Reflective tape
Size: M,L,XL,2XL

KIDNEY BELT & MINER BELT

Elasticated Kidney Belt
Size: L,XL,2XL

Miner Cap Lamp Belt
Size: S, M, L

Mining Socks

SAFETY SHOES

MAXEMO 8031
••BLACK OR TAN
••SIZES 5-12

SPORT 8050
••BLACK WITH GREEN
••SIZES 5-12

CHUKKA BOOT R-811
••BLACK OR BROWN
••WITH DOUBLE
DENSITY PU SOLE
••SIZES 5-12

REBEL SAFETY GEAR
LEMAITRE QUALITY SAFETY FOOTWEAR
CAT
WAYNE GUMBOOTS YOUR SYMBOL OF CONFIDENCE

ALL WITH STEEL TOE CAPS

EKYATE
SiSi SAFETY FOOTWEAR
PROFIT SAFETY FOOTWEAR
BOVA THE ICON OF SAFETY
FRAMS Affordable safety you can trust
Bata Industrials

Stockists of all of the above

ROAD SAFETY

Barrier Netting
(Orange & Yellow)
Size:
1m (H) x 50m / roll

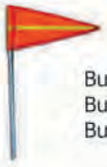
Barrier
Fence Orange HDPE
Size: 1m (H) x 50m / roll

Barrier Tape Red & White
Size: 75mm x 300m x 50mic

Traffic Cone
500mm & 750mm
black rubber stand
with reflective

Warning Flag
Red

12V Revolving
Light



Buggy whip 1 piece
Buggy whip 2 piece
Buggy whip 3 piece

Wet Floor
Sign

EWN&S
Gas & Welding Supplies

OVERALLS

Royal blue
Conti Suit
Polycotton,
2 piece
Size 32-54

Royal blue
Conti Suit
Reflective, 2 piece
Size 32-54

Royal blue
Dust Coat

Size 36-52

Royal blue
Dust Coat

Size 36-52

Available : Flame Retardant / Acid Resistant , J54 & DB
Branding optional extra

REFLECTIVE WEAR

Maxi Reflective Bib.
Colour: Lime, Orange
Size: M,L,XL

Reflective Vest with
Zip
& ID pouch
Colour: Lime, Orange
Size: M,L,XL

Lime & Orange Reflective
Jacket
with long sleeve
Size : M.L.XL.2XL

Lime & Orange Reflective
Jacket
sleeveless
Size : M.L.XL.2XL

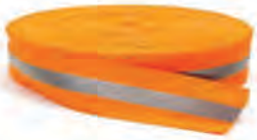
High Visibility all
weather Jacket
Size: M,L,XL,2XL

Orange / Navy two tone
freezer Jacket
Size: M,L,XL,2XL

Lime / Navy two tone
freezer Jacket
Size: M,L,XL,2XL

Reflective T shirt
Colour: Lime, Orange

Reflective Tape Lime 100m/roll



Reflective Tape Orange 100m/roll

DISPOSABLE WEAR

Disposable Coverall
40gsm
Size: S,M,L,XL,2XL

Mop Cap 18"
Color: white, blue,red,
green

Disposable Shoe
Cover
non woven

PVC Apron Heavy
Duty
Colour: green,
yellow,
white

FALL PROTECTION

Harness full body
Single Lanyard

Harness full body
double Lanyard
with snap hook

Harness full body
double Lanyard with
scaffold hook

DISTRIBUTORS FOR:

AIR PRODUCTS

ORYX ENERGIES

ESAB

MAT-WELD

PFERD

ABICOR BINZEL

SOMTA World Class Cutting Tools

TRADEweld

BOSCH

HiKOKI HIGH PERFORMANCE POWER TOOLS