



Blasting Accessories Catalogue



About Us.



TIME Limited is a leading Canadian manufacturer and supplier of mining and industrial equipment, dedicated to delivering innovative solutions and exceptional service across the industry.

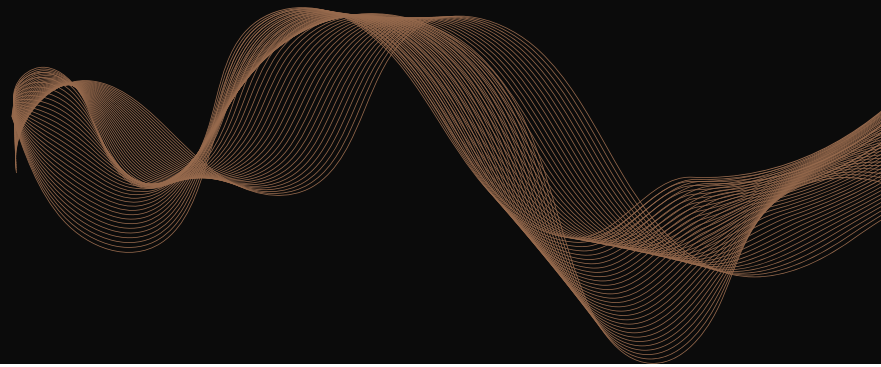
What We Do

For over 50 years, TIME (Temiskaming Industrial Mining Equipment) has been a trusted partner in mining and heavy industries, providing high-quality products, efficient supply solutions, and exceptional service. With a 40,000 sq. ft. production plant in Haileybury and locations across Canada, we specialize in engineering, manufacturing, and distribution, continually evolving to meet industry needs.

Our Goal

Our goal at TIME is to provide high-quality, reliable solutions for the mining and heavy industries while building lasting relationships with our customers. Through innovation, efficiency, and a commitment to excellence, we continuously adapt to industry advancements to meet evolving needs and drive long-term success.

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TIME



Serving you better and faster from five strategic hubs across Canada.

BLASTBAG™ USES

TOP 10 USES FOR MTi BLASTBAGs™

1. SIMPLE AIR DECK



2. WATER IN BOTTOM OF HOLE



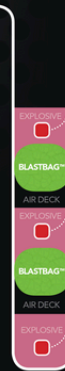
3. COLLAR / HOLE PROTECTION



4. MID COLUMN DECK (IMPROVED FRAG)



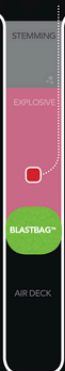
5. PRE SPLITS NO STEMMING



6. PRE SPLITS STEMMING



7. TOE DECK



8. CRACK, VOIDS & UNDERGROUND WORKINGS



9. THROUGH SEAM



10. BABY DECK / STEM DECK



There is an **MTi BLASTBAG™** suitable for all hole plugging applications and customer requirements.

MTi BLASTBAGs™ are the most awarded gas bag in the world with industry leading strength, reliability and safety.

Got another use?

Let us know how you use **MTi BLASTBAGs™**
Send your uses to:
blastbag@mtigroup.com.au



www.shop.mtigroup.us

Illustrations of some different scenarios where MTi Bag's where used. This is not a load design diagram this is for illustration purposes on how a BLASTBAG can be used. Geology, diameter, depth, explosive type and general pattern design have a huge effect on outcome and must be considered in conjunction but trained blast engineer. Contact an MTi GROUP technician for further application advice.

BLASTBAGS™



BLASTBAG™ SOLO

BLASTBAG™ initiated with a non-flammable aerosol. Features a dual-bladder and dual-inflation speed latch. (Fast and Slow)

- 47-03-081 | Quokka | 4 1/2"
- 47-03-080 | Koala | 6 1/2"
- 47-03-088 | Bilby | 8"
- 47-03-086 | Platypus | 9"
- 47-03-089 | Wombat | 10 5/8"
- 47-03-090 | Emu | 12 1/4"



BLASTBAG™ EVO

BLASTBAG™ initiated with a non-flammable aerosol.

- 47-03-599 | Hawk | 4" - 6"
- 47-03-598 | Eagle | 6" - 9 7/8"



BLASTBAG™ AERO

BLASTBAG™ initiated with compressed air.

- 47-02-025 | Bilby Short | 3"-8"
- 47-02-005 | Emu | 4"-12 1/4"



BLASTBALL™

BLASTBALL™ initiated with compressed air.

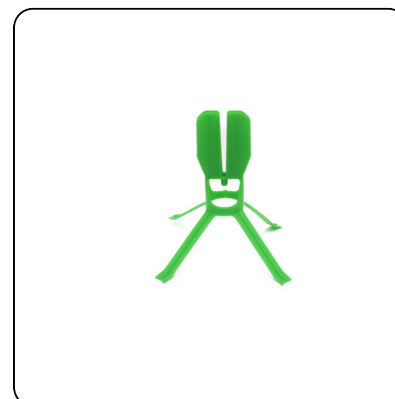
- 47-05-004 | Mercury | 2.5" - 4.5"
- 47-05-003 | Mars | 4.5" - 5"
- 47-05-008 | Venus | 5.5" - 8"



BLASTBAG™ ACE

BLASTBAG™ initiated by a chemical reaction. Shipped and stored as non-dangerous goods.

- 47-21-251 | Ace II UG | 3" - 4 1/2"
- 47-21-239 | Ace II Koala | 6 1/2"
- 47-21-059 | Ace Wombat | 10 5/8"



BAG SPIDER

Holds BLASTBAG™ ACE UG in place during inflation for upholes.

TBD | 5"

BLASTHOLE LINER



BLASTSHIELD™ PLUS

Ultra-high strength blasthole liner

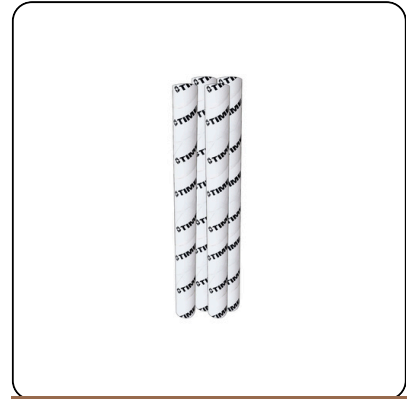
- 47-08-120 | Fits up to 3" Hole x 328' roll
- 47-08-122 | Fits up to 4" Hole x 328' roll
- 47-08-123 | Fits up to 4 1/2" Hole x 328' roll



LAY FLAT LINER

Polyethalene lay flat liner

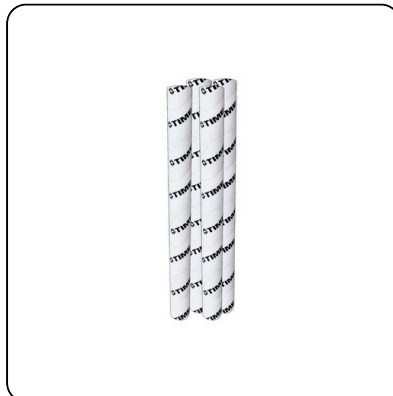
- 47-08-602 | Fits up to 2.5" Hole (Lay Flat 4"x1000')
- 47-08-603 | Fits up to 3" Hole (Lay Flat 5"x1000')
- 47-08-604 | Fits up to 3.75" Hole (Lay Flat 6"x1000')
- 47-08-605 | Fits up to 4.5" Hole (Lay Flat 7"x1000')
- 47-08-606 | Fits up to 5" Hole (Lay Flat 8"x1000')
- 47-08-607 | Fits up to 5.75" Hole (Lay Flat 9"x1000')
- 47-08-608 | Fits up to 6.25" Hole (Lay Flat 10"x1000')
- 47-08-609 | Fits up to 7.75" Hole (Lay Flat 12"x1000')



CARDBOARD CASING

Waxed cardboard casing for safe, efficient blast holes

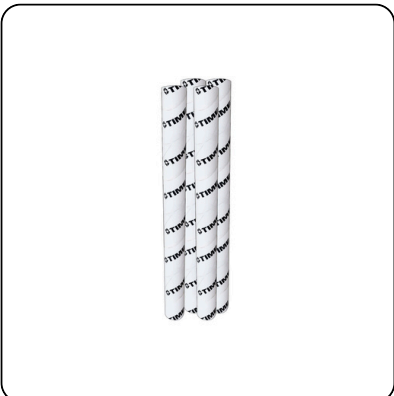
- 47CSGCB3015010 | 3.015" OD X 0.0900" Wall 10'
 - 47CSGCBW3305010 | 3.305" OD X 0.090" Wall 10'
 - 47CSGCBW4000010 | 3.970" OD X 0.110" Wall 10'
 - 47CSGCBW4255010 | 4.255" OD X 0.120" Wall 10'
 - 47CSGCBW4280010 | 4.28" OD X .110" Wall 10'
 - 47CSGCBW4750010 | 4.750" OD X 0.110" Wall 10'
- Contact us for custom sizes, as well as our Poly Laminate options



CARDBOARD CASING

Waxed cardboard casing for safe, efficient blast holes

- 47CSGCBW5240010 | 5.24" OD X 0.11" Wall 10'
 - 47CSGCBW5890010 | 5.890" OD X 0.120" Wall 10'
 - 47CSGCBW6155010 | 6.155" OD X .110" Wall 10'
 - 47CSGCBW6255010 | 6.255" OD X 0.120" Wall 10'
 - 47CSGCBW6500010 | 6.5" OD X 1.10" Wall 10'
 - 47CSGCBW7220010 | 7.220" OD X 0.110" Wall 10'
- Contact us for custom sizes, as well as our Poly Laminate options



CARDBOARD CASING

Waxed cardboard casing for safe, efficient blast holes

- 47CSGCBW7312010 | 7.312" OD X 0.156" Wall 10'
 - 47CSGCBW7313010 | 7.313" OD X 0.110" Wall 10'
 - 47CSGCBW7720010 | 7.72" OD X 0.11" Wall 10'
 - 47CSGCBW800010 | 8.0" OD X 1.10" Wall 10'
 - 47CSGCBW8280010 | 8.280" OD X 0.125" Wall 10'
 - 47CSGCBW900010 | 9.0" OD X 1.10" Wall 10'
- Contact us for custom sizes, as well as our Poly Laminate options



HDPE CASING

Durable HDPE pipe casing for stable, reliable blast holes

- 47CSGH1720010 | 1.720" OD X 0.600" Wall 10'
- 47CSGH1830010 | 1.830" OD X 0.0600" Wall 10'
- 47CSGH2000010 | 2.000" OD X 0.1250" Wall 10'
- 47CSGH2000020 | 2.000" OD X 0.1000" Wall 20'
- 47CSGH2125010 | 2.125" OD X 0.1300" Wall 10'

Contact us for custom sizes

BLASTHOLE LINER



HDPE CASING

Durable HDPE pipe casing for stable, reliable blast holes

47CSGH2375200 | 2.375" OD X 0.1575" Wall 200'
47CSGH2500010 | 2.500" OD X 0.1250" Wall 10'
47CSGH3001000 | 3" SDR11 X 1000"
47CSGH3250016 | 3.25" OD X 0.125" Wall 16'
47CSGH3400010 | 3.400" OD X 0.1500" Wall 10'
Contact us for custom sizes



HDPE CASING

Durable HDPE pipe casing for stable, reliable blast holes

47CSGH3500010 | 3.500" OD X 0.1400" Wall 10'
47CSGH3750010 | 3.75" X 0.10" Wall 10'
47CSGH3875010 | 3.875" OD X 0.1750" Wall 10'
47CSGH4000010 | 4.000" OD X 0.1600" Wall 10'
47CSGH4500010 | 4.000" OD X 0.1250" Wall 20'
Contact us for custom sizes



HDPE CASING

Durable HDPE pipe casing for stable, reliable blast holes

47CSGH4500750 | 4.500" OD X 0.0160" Wall 10'
47CSGH5000010 | 4.500" OD X 0.4335" Wall 750'
47CSGH5300010 | 5.000" OD X 0.1600" Wall 10'
47CSGH5375010 | 5.300" OD X 0.2000" Wall 10'
47CSGH5375010 | 5.375" OD X 0.2400" Wall 10'
Contact us for custom sizes

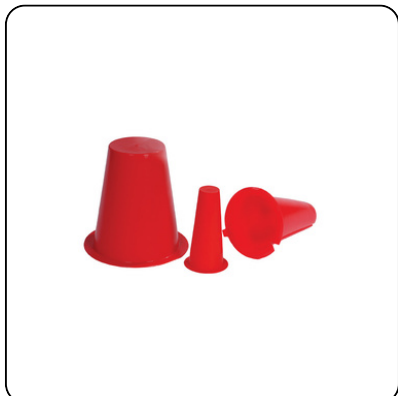


HDPE CASING

Durable HDPE pipe casing for stable, reliable blast holes

47CSGH6000010 | 6.000" OD X 0.1800" Wall 10'
47CSGH6490010 | 6.490" OD X 0.2550" Wall 10'
47CSGH8000010 | 8.000" OD X 0.160" Wall 10'
47CSGH8280013 | 8.280" OD X 0.1600" Wall 13'
47CSGH850010 | 8.500" OD X 0.0160" Wall 10'
Contact us for custom sizes

COLLAR PROTECTION



DRILL HOLE MARKER PLUG

Tough, reusable plugs for ½"–18" drill holes

41-00	2" Open End
41-01	2.5" Open End
41-02	3.5" Open End
41-06	4.5" Open End
41-03	6" Open End
41-04	9" Open End
41-08	11" Open End
41-05	13" Open End



HI-VIS DRILL HOLE PLUGS

Tough, reusable plugs for ½"–18" drill holes

41-00-HV	2" Open End
41-01-HV	2.5" Open End
41-02-HV	3.5" Open End
41-06-HV	4.5" Open End
41-03-HV	6" Open End
41-04-HV	9" Open End
41-08-HV	11" Open End
41-05-HV	13" Open End
41-07-HV	18" Open End

GROUT TUBING



GROUT TUBING

Used to pump cementitious grouts for rock and cable bolt in post grouting applications

47GT0780400	7/8" Grout Tube
47GT0500500	1/2" Grout Tube

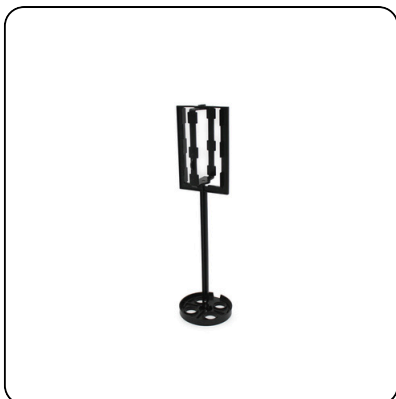


BREATHER TUBE

Used in conjunction with grout tube to allow trapped air to vent during the grouting process

47BT0580500	5/8" Breather Tube
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IN-HOLE ACCESSORIES



BOOSTER LOCK

Prevents boosters from floating - Fits most boosters up to 2lbs

47-01-176 | Black



SLUMPSTOPPA

Prevents emulsion from slumping

47-01-008 | 2.5" - 3" Hole

47-01-009 | 3" - 4" Hole

47-01-010 | 4" - 6.5" Hole



SHOT BAGS

Durable polypropalene shot bags. 50/bundle.

47-01-600 | For 3" Hole - 36" Long

47-01-601 | For 3.5" Hole - 36"

Long

47-01-602 | For 4" Hole - 36" Long

47-01-603 | For 4.5" Hole - 48"

Long

47-01-604 | For 5" Hole - 48" Long

47-01-605 | For 5.5" Hole - 48"

Long

47-01-606 | For 6.5" Hole - 48"

Long

47-01-607 | For 7" Hole - 36" Long

47-01-608 | For 8" Hole - 36" Long

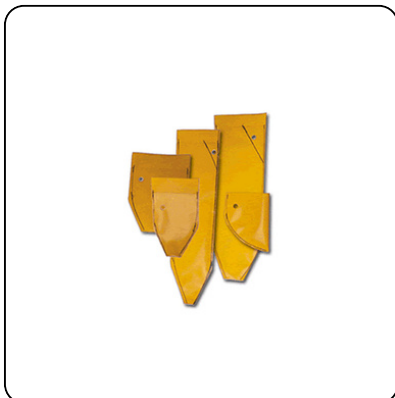


BOOSTER SPIDER

Ensures secure and central booster placement

47-01-131 | 150G | 2.5" - 4.5" Hole

47-01-115 | 250G | 2.5" - 4.5" Hole



LOADING BAGS

Flexible, durable loading bags for faster underground loading.

47-ULB2.5 | 1.5" - 2.5" Hole | 5.25" Long

47-ULB4.5 | 3" - 4.5" Hole | 10.25" Long

47-ULB4.5-235 | 3" - 4.5" Hole | 23.5" Long

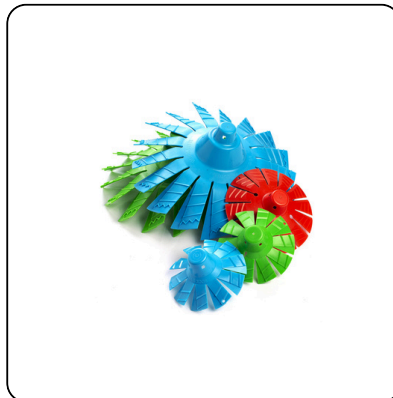
STEMMING PLUGS



PILGRAM HATS

Mechanical plugging device used in underground mining.

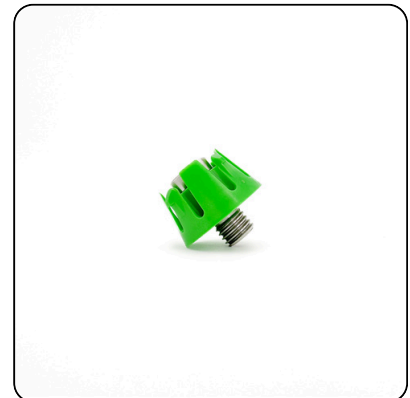
- 40-00 | Red | 1 5/8"
- 40-01 | Red | 2"
- 40-02 | Red | 3"
- 40-07 | Red | 1-1/4"
- 40-12 | Red | 3" | Extended



ROCKRIVETS

Friction-based retention spider plug

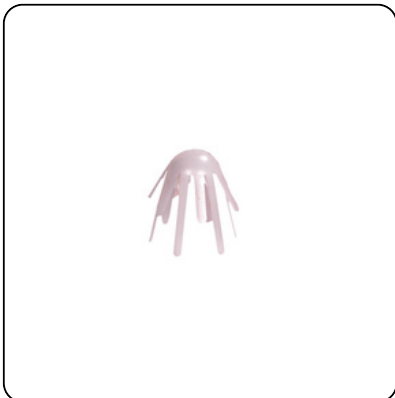
- 47-01-108 | Rigid | 3" - 4.5"
- 47-01-109 | Semi-Rigid | 3" - 4.5"
- 47-01-146 | Rigid | 4.5" - 6.5"
- 47-01-161 | Semi-Rigid | 4.5" - 6.5"
- 47-01-114 | Semi-Rigid | 6.5" - 9"



ROCKRIVET CONNECTOR

Load pole connector for easy installation of ROCKRIVET and SLUMPSTOPPA.

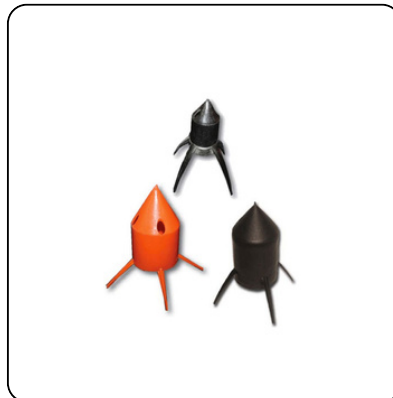
- 47-01-147 | Green



SPRINGLOK/BIRDIE PLUG

Ensures secure explosives placement in tunneling operations.

- 40-06 | White










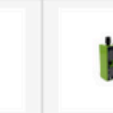


POWDER PLUGS

ATEK Powder Plugs

- 40-08 | 2-1/4" Drive Point
- 40-10 | 2" Drive Point
- 40-11 | 1" Drive Point

Initiation Machines

Features										
	HB-10	HB-55	S-355	HB-SBS	HB-320	S-412	HBR-20P	S-2	S-3	S-27
Initiation Type	Electric	Electric	Electric	Dual Initiation	Electric	Dual Initiation	Electric	Non-Electric	Dual Initiation	Non-Electric
Firing Cycles Per Battery	~300+	~300+	~300+	~250+	~150+	~250+	~200+	-	~250+	-
Battery Type	9V	9V	9V	9V	AA	9V	AA	-	9V	-
Output Volts DC	150	225	350	450	330	400	350	400 x 2	400	400
Output Joules	1.25	4	5	5	19	12	6.125	12 x 2	12	12
Initiation Resistance	50	135	230	250	220	240	N/A	-	240	-
Estimated Single Series Caps	20	62	110	120	105	115	20	-	115	-
Waterproof	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MSHA Approved	✗	✗	✗	✗	✗	✗	✓	✗	✗	✗
Rapid Charging	✓	✓	✓	✗	✓	✗	✓	✗	✗	✗
Detachable Belt Loop	✓	✗	✓	✗	✗	✓	✓	✓	✓	✗
Continuity Indicator	✗	✓	✓	✗	✗	✓	✗	✗	✓	✗
CE Approved	✓	✗	✗	✗	✓	✗	✗	✗	✗	✗

INITIATION



HB-10 ELECTRIC INITIATOR

47-01-800 | Green

- Electric
- Output Volts DC: 150
- Output Joules: 1.25
- Initiation Resistance: 50
- Rapid Charging
- Detachable Belt Loop
- CE Approved



HB-320 BLASTING MACHINE

47-01-804 | Green

- Electric
- Output Volts DC: 330
- Output Joules: 19
- Initiation Resistance: 220
- Rapid Charging
- CE Approved



HB-55 BLASTING MACHINE

47-01-801 | Green

- Electric
- Output Volts DC: 225
- Output Joules: 4
- Initiation Resistance: 135
- Rapid Charging
- Continuity Indicator



HB-SBS BLASTING MACHINE

47-01-807 | Green

- Dual Initiation
- Output Volts DC: 450
- Output Joules: 5
- Initiation Resistance: 250



HBR-20P BLASTING MACHINE

47-01-805 | Yellow

- Electric
- Output Volts DC: 350
- Output Joules: 6.125
- MSHA Approved
- Rapid Charging
- Detachable Belt Loop



S-2 BLASTING MACHINE

47-01-808 | Green

- Non-Electric
- Output Volts DC: 400 x 2
- Output Joules: 12 x 2
- Detachable Belt Loop

INITIATION



S-27 BLASTING MACHINE

47-01-809 | Green

- Non-Electric
- Output Volts DC: 400
- Output Joules: 12



S-3 BLASTING MACHINE

47-01-806 | Green

- Dual Initiation
- Output Volts DC: 400
- Output Joules: 12
- Initiation Resistance: 240
- Detachable Belt Loop
- Continuity Indicator



S-355 BLASTING MACHINE

47-01-802 | Green

- Electric
- Output Volts DC: 350
- Output Joules: 5
- Initiation Resistance: 230
- Rapid Charging
- Detachable Belt Loop
- Continuity Indicator



S-412 BLASTING MACHINE

47-01-803 | Green

- Dual Initiation
- Output Volts DC: 400
- Output Joules: 12
- Initiation Resistance: 240
- Detachable Belt Loop
- Continuity Indicator



209 STARTER CAPS

Case of 10 Trays (1,000 starters total) 100 caps per tray

47-01-953 | 10 Trays



HR-3 MECHANICAL STARTER

Stainless steel mechanical starter for initiation

47-01-992

INITIATION



BLASTING WIRE

Tough blasting wire for dependable signal transmission

47-610-005 | 530' 20AWG 2C

Yellow 5lbs

47-610-010 | 1060' 20AWG 2C

Yellow 10lbs

ELECTRICAL MEASUREMENT DEVICES



DIGITAL DRC OHMMETER

Durable ohmmeter for accurate measurement

47-01-810 | *Green*



C-3 CONTINUITY INDICATOR

Compact circuit continuity indicator

47-01-811 | *Black*

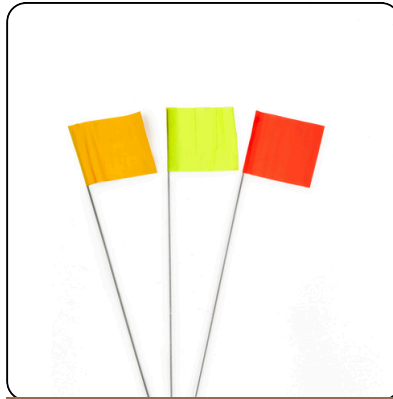
DELINEATION & MARKING



REUSABLE PIN TAGS

Colorful, durable tags for site classification

- 47-01-116 | Green
- 47-01-118 | Blue
- 47-01-119 | Orange
- 47-01-120 | White



MARKING STAKE FLAGS

2.5" x 3.5" highly-visible fluorescent flags

- 47-01-194 | Green Fluorescent
- 47-01-193 | Blue Fluorescent
- 47-01-200 | Orange Fluorescent
- 47-01-198 | White



SPRAY & WALK APPLICATOR

Inverted, high-quality marking paint

- 47-01-871 | Spray & Walk
- 47-1075 | 10' Extension Gun
- 47-1076 | 12' Extension Gun
- 47-1077 | 6' Extension Gun



HEAVY DUTY SOLAR LIGHT

Highly durable, flashing solar light

- 47-01-128 | Amber
- 47-01-129 | Green
- 47-01-130 | White
- 47-01-126 | Blue
- 47-01-125 | Red



SOLAR STAND

For use with MTi GROUP solar lights

- 47-01-148 | Green



SOLAR LIGHT + STAND

Flashing Solar Light & Stand. 8 Stands & 8 Lights per box

- 47-01-340 | Amber
- 47-01-341 | Green
- 47-01-342 | White
- 47-01-345 | Blue
- 47-01-344 | Red

DELINEATION & MARKING



MARKING PAINT - SPRAY

Aerosol Marking Paint

3141LF | Yellow | Aerosol
3143LF | Orange | Aerosol
3244A | Red | Aerosol
3246 | Black | Aerosol
3247 | White | Aerosol
6242 | Dark Blue | Aerosol
6249 | Grey | Aerosol
AF1A34C | Blue | Aerosol
AF1C34U | Light Green | Aerosol
AF1D34C | Dark Green | Aerosol



MARKING PAINT - SPRAY

Fluorescent Glo Aerosol Marking Paint

3144SL | Orange Glo | Aerosol
AF1034C | Green Glo | Aerosol
AF1P34C | Red Glo | Aerosol
AF1Q34C | Pink Glo | Aerosol



MARKING PAINT - SPRAY

Wet Rock Aerosol Marking Paint

AA1E34C | Yellow | Aerosol
AA1H34C | Red | Aerosol
AA1I34C | White | Aerosol

INFLATION EQUIPMENT



INFLATION COUPLING

Use with **BLASTBAG™ AERO** & **BLASTBALL™**

47-02-001 | Coupling



UG INFLATION HOSE REEL

Complete hose reel air service unit for underground operation. Use with **BLASTBAG™ AERO** & **BLASTBALL™**

47-10-002 | 100'
47-10-001 | 50m



INFLATION SET

Drop line + Handheld Inflator + Weighted Coupling

47-10-029 | 25'
47-10-030 | 60'
47-10-031 | 100'
47-10-032 | 50m

INFLATION EQUIPMENT



DROPLINE INFLATION HOSE

Durable Dropline

47-01-988 | 25'
 47-01-989 | 60'
 47-10-010 | 100'
 47-10-009 | 50m



HANDHELD INFLATOR

Simple, robust tool for inflation

47-02-017 | Silver



HOSE END REPLACEMENT

Use with BLASTBAG™ AERO & BLASTBALL™

47-02-024 | Weighted Coupling Kit

47-02-022 | Hose End Repair Kit

LOADING



WOODEN LOAD POLES

1 1/4" smooth poplar premium plain wood poles

47-LPW-12508 | 8' x 1 1/4"
 47-LPW-12510 | 10' x 1 1/4"
 47-LPW-12512 | 12' x 1 1/4"
 47-LPW-12516 | 16' x 1 1/4"



TAMPING PLUGS

Used to effectively compact stemming

47-01-307 | 2" x 4"
 47-01-308 | 3" x 4"



ANFO HOSE

Anti-static PVC tubing for the loading of ammonium nitrate/fuel oil blasting agents

221-35LG | 5/8" Inside Diameter | 200 ft. long
 221-3534 | 3/4" Inside Diameter | 200 ft. long
 221-351 | 1" Inside Diameter | 300 ft. long
 221-35114 | 1 1/4" Inside Diameter | 100 ft. long

LOADING



POWDER PUNCH

8" brass powder punch

47-01-872 | Brass



LOAD POLE ENDS

High-quality, non-sparking ends/adaptors

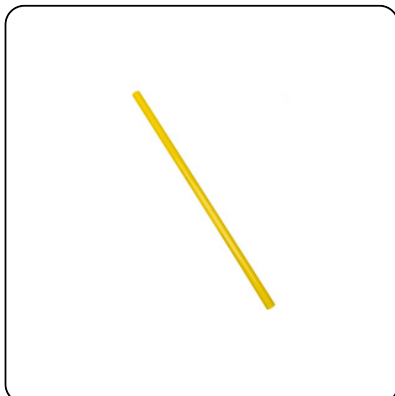
- 47-01-301 | C-Hook
- 47-01-302 | Threaded
- 47-01-306 | Socket Connector (F)
- 47-01-305 | Ball Connector (M)



RETRIEVAL TOOLS

Non-sparking aluminum bronze

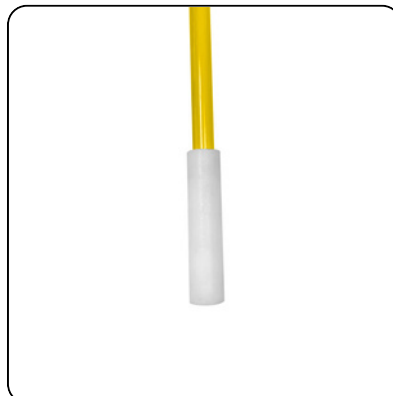
- 47-01-304 | Threaded
- 47-01-303 | C-Hook
- 47-01-300 | Anchor



PVC LOAD POLES

Used for placing and compacting explosives in blast holes

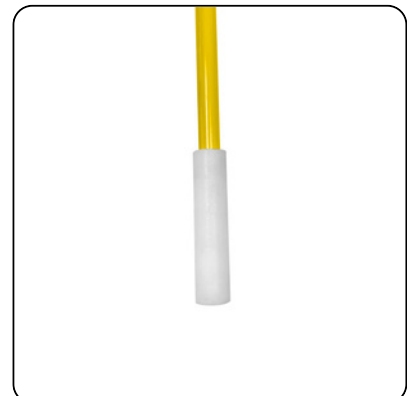
- 47-LPPP-78X6 | 7/8" X 6'
- 47-LPPP-78X8 | 7/8" X 8'
- 47-LPPP-78X10 | 7/8" X 10'
- 47-LPPP-78X12 | 7/8" X 12'
- 47-LPPP-78X14 | 7/8" X 14'
- 47-LPPP-78X16 | 7/8" X 16'



PVC LOAD POLE ASSEMBLY

PVC Load Poles with 1 1/4" tamping end.

- 47-LPPT-78X6-125 | 7/8" X 6'
- 47-LPPT-78X8-125 | 7/8" X 8'
- 47-LPPT-78X10-125 | 7/8" X 10'
- 47-LPPT-78X12-125 | 7/8" X 12'
- 47-LPPT-78X14-125 | 7/8" X 14'
- 47-LPPT-78X16-125 | 7/8" X 16'



PVC LOAD POLE ASSEMBLY

PVC Load Poles with 1 1/2" tamping end.

- 47-LPPT-78X6-150 | 7/8" X 6'
- 47-LPPT-78X8-150 | 7/8" X 8'
- 47-LPPT-78X10-150 | 7/8" X 10'
- 47-LPPT-78X12-150 | 7/8" X 12'
- 47-LPPT-78X14-150 | 7/8" X 14'
- 47-LPPT-78X16-150 | 7/8" X 16'

LOADING



TAMPING ENDS

The outer diameter of PVC load poles can be increased by adding a tamping end.

47-LPTE-78X125 | 78" X 1-1/4"

47-LPTE-78X150 | 78" X 1-1/2"

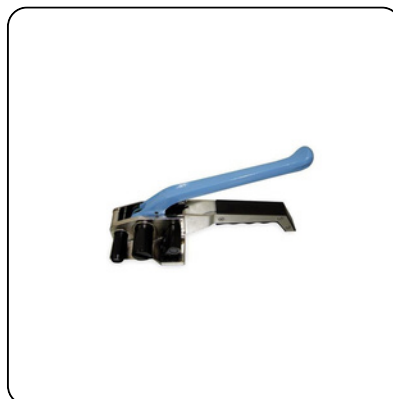
LOCKS/STORAGE



STRAPPING & ACCESSORIES

Used for bundling, bailing, securing loads, anchoring, etc.

STR-40PBS | Straprite 1/2" x 1500' (650lb min. break strength)



HEAVY DUTY TENSIONER

Used for bundling, bailing, securing loads, anchoring, etc.

10310 | Tensioner Straps | Up to 1 1/2" (38mm)



C4 BUCKLE

Used for bundling, bailing, securing loads, anchoring, etc.

10001 | 1/2" C4 Buckle | Plain | 1000/box

MEASURING



DEPTH GAUGE

Versatile tape measure for blast hole depth - markings printed on both sides

- 47-DG15M | 15M X 1/4"
- 47-DG30M | 30M X 1/4"
- 47-DG50M | 50M X 1/4"
- 47-DG02518 | 25' X 1/4"
- 47-DG05018 | 50' X 1/4"
- 47-DG10018 | 100' X 1/4"
- 47-DG20018 | 200' X 1/4"
- 47-DG30018 | 300' X 1/4"



LEAD WEIGHTS

Used for down-hole measuring

- 47-11-740 | 8oz
- 47-11-741 | 12oz
- 47-11-742 | 16oz



EMULSION WEIGHT

Used to determine the height of explosives in a column of water

- 47-01-881 | 3" With 8oz Weight
- 47-01-882 | 5" With 16oz Weight



MITIMEASURE

Durable polyline for precision measuring - stainless steel core

- 47-11-011 | 60'
- 47-11-013 | 100'
- 47-11-014 | 200'
- 47-11-029 | 20M
- 47-11-009 | 30M
- 47-11-010 | 50M



TAPE & REEL

Tape & reel with inverted numbers - markings printed on both sides

- 47-11-728 | 100'
- 47-11-732 | 200'
- 47-11-736 | 300'



TUFFTAPE TAPE & REEL

Measuring tape with inverted numbers - markings printed on both sides

- 47-11-040 | 35M | No Weight
- 47-11-041 | 65M | No Weight

MEASURING



TEMPERATURE PROBE

Hot hole dipping tape is great for QA checks on blast holes before loading. Measures up to 350°F

47-01-057 | 30m



TRUPULSE® L2 RANGEFINDER

L2 laser rangefinder/hypsometer accurately measures distance, slope, and inclination, with advanced targeting modes and TruTargeting feature for precise measurements in different field conditions.

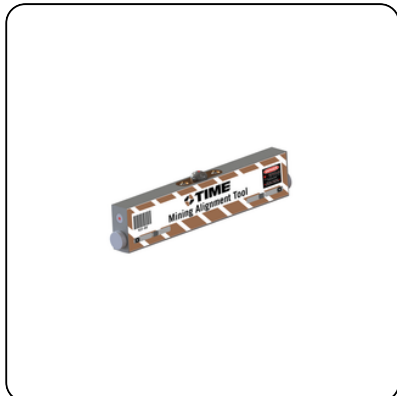
47-01-854 | Black



GARMIN® ETREX® SE GPS

Simple-to-use GPS handheld with extra battery life, wireless connectivity and multi-GNSS support

47-01-853 | SE



MINING ALIGNMENT TOOL

2 beams shoot in opposite directions to allow alignment from the middle. Comes with magnetic base

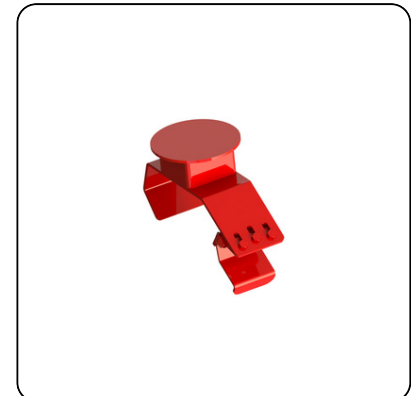
431-00 | Alignment Tool



MINING ALIGNMENT TOOL

2 beams shoot in opposite directions to allow alignment from the middle. Comes with magnetic base and bubble level.

431-50 | L202 Dual Beam



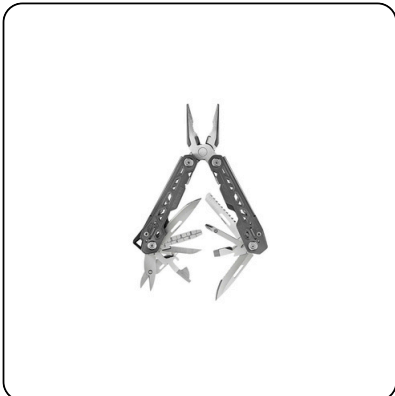
ALIGNMENT TOOL BRACKET

Hard anodized

ENG-58 | MK5 Feed

ENG-240 | Stopemaster Feed

TOOLS



GERBER® TRUSS™ MULTI-TOOL

Versatile multi-tool with 17 curated tools specially designed for various tasks

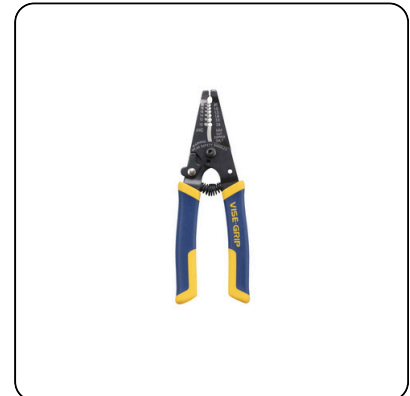
47-01-862 | 17 Tools



HAWKBILL KNIFE

3" locking hawkbill knife

36-09-020 | 3" locking



WISE-GRIP® WIRE STRIPPER/CUTTER

For Cutting/Stripping Electronic Blasting Wires

47-01-852 | 6" L | 10 AWG to 20 AWG | Blue/Yellow



CORDCUTTER

Safe, durable, non-sparking cutter for det cords

47-01-012 | Grey



POWDER PUNCH

8" Brass Powder Punch

47-01-872 | Brass



QUICKCUT

Safety Cutter for Exposed Blade-Free Operations

47-11-033 | Green

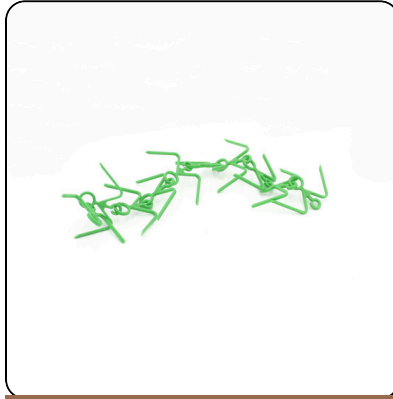
TOOLS



RETRIEVAL TOOLS

Non-Sparking Aluminum-bronze

- 47-01-304** | Threaded
- 47-01-303** | C-Hook
- 47-01-300** | Anchor



MITIHOOK

Reliable tool for retrieving down lines in blastholes

- 47-01-150** | Green



MUCKSCOOP

Durable muck scoop manufactured by TIME

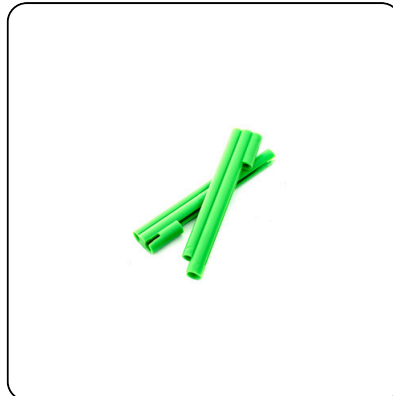
- 109-09** | Narrow Blade (MK3)
- 109-04** | Handle Only



SHOT-FIRER MIRRORS

Mirrors for blasters

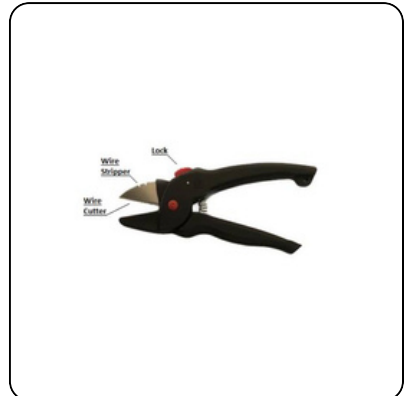
- 47-01-030** | White



MITICLIP

Easily connects detonator to detonator cord

- 47-01-122** | Green



WIRE CUTTER

Wire Cutter / Wire Stripper

- 36-38-003** | Black

TOOLS



SMOKE DISCHARGER

Smoke Bomb / Discharger - for checking wind direction

47-01-954 | Green
47-01-199 | White



CLIPBOARD

Small Form Holder

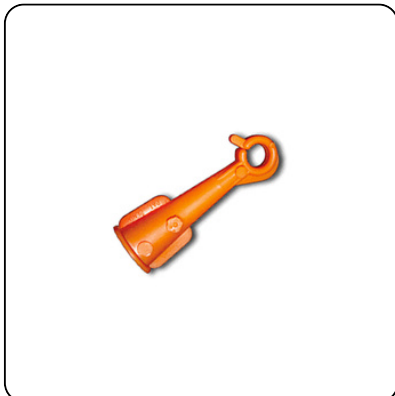
47-01-832 | Blue



BLASTING WIRE HANGERS

Designed to safely isolate blasting or other wiring from the roof, electrical cables or structure

CAB6130 | 4" (102MM) Long, 100/Box, 9lbs. (4.1KG)
CAB4801 | 6" (152MM) Long, 100/Box, 11lbs. (5.0KG)
CAB205 | 12" (305MM) Long, 50/Box, 7 lbs. (3.2KG)
CAB199 | 18" (457MM) Long, 100/Box, 18 lbs. (8.2KG)



BLASTING WIRE HANGER

Clip securely holds blasting wire off the ground, out of water and away from any conducting surface. End fits onto standard re-bar

47-1061

SIGNS/PLACARDS



PLACARD - 1.1

Used to comply with USDOT guidelines during transportation
- 10.75" x 10.75"

- 47-01-931** | Vinyl Adhesive
- 47-01-932** | Magnetic
- 47-01-933** | Tagboard



PLACARD - 1.1B

Used to comply with USDOT guidelines during transportation
- 10.75" x 10.75"

- 47-01-934** | Adhesive
- 47-01-935** | Magnetic
- 47-01-936** | Tagboard



PLACARD - 1.1C

Used to comply with USDOT guidelines during transportation
- 10.75" x 10.75"

- 47-01-937** | Adhesive
- 47-01-938** | Magnetic
- 47-01-939** | Tagboard



PLACARD - 1.1D

Used to comply with USDOT guidelines during transportation
- 10.75" x 10.75"

- 47-01-940** | Adhesive
- 47-01-941** | Magnetic
- 47-01-942** | Tagboard



PLACARD - 1.4B

Used to comply with USDOT guidelines during transportation
- 10.75" x 10.75"

- 47-01-916** | Adhesive
- 47-01-917** | Magnetic
- 47-01-918** | Tagboard



PLACARD - 1.5

Used to comply with USDOT guidelines during transportation
- 10.75" x 10.75"

- 47-01-919** | Adhesive
- 47-01-920** | Magnetic
- 47-01-921** | Tagboard

SIGNS/PLACARDS



PLACARD - 1.5D

Used to comply with USDOT guidelines during transportation - 10.75" x 10.75"

- 47-01-922 | Adhesive
- 47-01-923 | Magnetic
- 47-01-924 | Tagboard



PLACARD - FLAMMABLE

Used to comply with USDOT guidelines during transportation - 10.75" x 10.75"

- 47-01-943 | Adhesive
- 47-01-944 | Magnetic
- 47-01-945 | Tagboard



PLACARD - 1993

Used to comply with USDOT guidelines during transportation - 10.75" x 10.75"

- 47-01-928 | Adhesive
- 47-01-929 | Magnetic
- 47-01-930 | Tagboard



PLACARD - OXIDIZER 5.1

Used to comply with USDOT guidelines during transportation - 10.75" x 10.75"

- 47-01-946 | Adhesive
- 47-01-947 | Magnetic
- 47-01-948 | Tagboard



PLACARD - 1942

Used to comply with USDOT guidelines during transportation - 10.75" x 10.75"

- 47-01-925 | Adhesive
- 47-01-926 | Magnetic
- 47-01-927 | Tagboard



SIGN - BLASTING AREA

Danger signs for bench and storage safety.

- 47-01-900 | 10" x 14" | Adhesive
- 47-01-901 | 10" x 14" | Aluminum
- 47-01-902 | 20" x 14" | Adhesive
- 47-01-903 | 20" x 14" | Aluminum
- 47-01-990 | 12" x 24" | Adhesive

SIGNS/PLACARDS



SIGN - EXPLOSIVES

Danger signs for bench and storage safety.

47-01-904 | 10" x 14" |

Adhesive

47-01-905 | 10" x 14" |

Aluminum

47-01-906 | 20" x 14" |

Adhesive

47-01-907 | 20" x 14" |

Aluminum



SIGN - KEEP OUT

Danger signs for bench and storage safety.

47-01-908 | 10" x 14" |

Adhesive

47-01-909 | 10" x 14" |

Aluminum

47-01-910 | 20" x 14" |

Adhesive

47-01-911 | 20" x 14" |

Aluminum



SIGN - NO SMOKING

Danger signs for bench and storage safety.

47-01-912 | 10" x 14" |

Adhesive

47-01-913 | 10" x 14" |

Aluminum

47-01-914 | 20" x 14" |

Adhesive

47-01-915 | 20" x 14" |

Aluminum



25" X 45" BARRICADE

25" x 45" Folding, Portable Barricade

47-01-980 | No Sign

47-01-981 | Danger Blasting

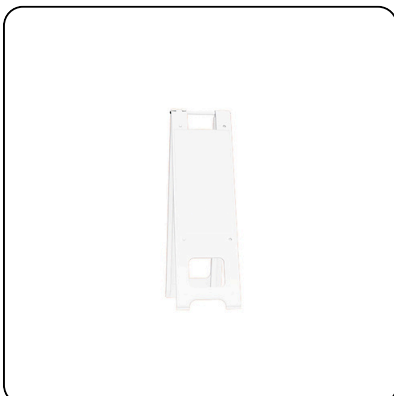
Area

47-01-982 | Danger Explosives

47-01-983 | Danger Keep Out

47-01-984 | Danger No

Smoking



13" X 36" BARRICADE

13" x 36" Folding, Portable Barricade

47-01-978 | No Sign

47-01-979 | Danger Blasting

Area



PLACARD HOLDER

10" Placard Holder

47-01-949 | Metal

SIGNS/PLACARDS



ORANGE TRAFFIC CONE

28" Orange Traffic Cone (Black Base)

44-07-TC28OR | Orange



GREEN TRAFFIC CONE

28" Green Traffic Cone (Black Base)

44-07-TC28LG | Green



BARRICADE TAPE

3" x 1,000' Roll

44-50-101 | Yellow | Caution

47-01-956 | Yellow | Caution Do Not Enter

44-50-102 | Red | Danger



BARRIERS TO GO

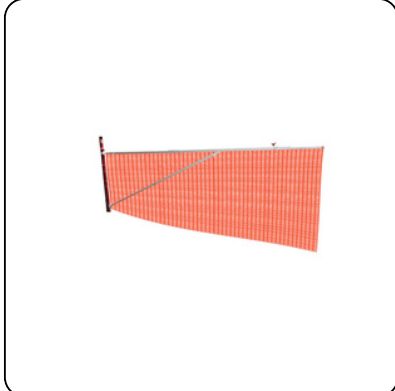
Restrictive Barricades – identify boundaries and restricted areas. Supplied in self-contained bag, with S hook, ratchet and rope for up to 25' opening.

44-50-401 | Red | Danger

44-50-402 | Orange | Hazard

44-50-403 | Yellow | Caution

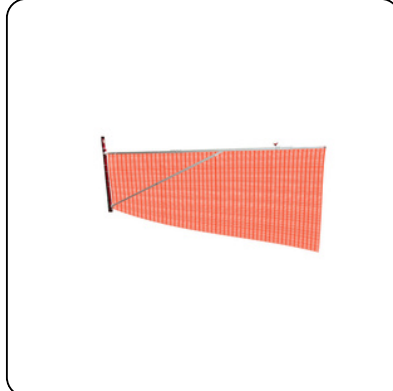
SAFETY



SAFETY GATE

Aluminum swing style gate with telescopic extension from 12' to 18"

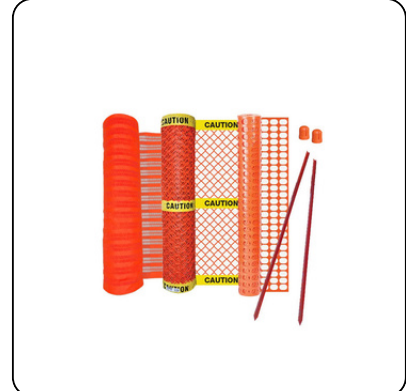
- 47-10** | With Air Cylinder
- 47-10-ACT** | With Electric Actuator
- 47-11-34** | Lower Bar Kit



SAFETY GATE

Operating Options

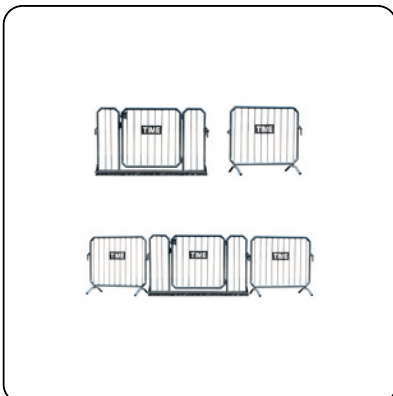
- 447-11-28** | Manual Air Control Valve Assembly
- 47-300ASM** | Remote Control ASM, Radio (Air)
- 47-300-ACT** | Remote Control ASM, Radio (Electric Actuator)



BARRIER FENCING

Available in orange rolls with or without caution tape

- 47-OF-01** | Fence Snow 150'/roll
- BFCT 504 XY** | Fence Snow 50x4 w/ Caution Tape
- SF-5048100** | Fence Snow H/D Orange 4'x100'
- FPC2728R** | Fence Post
- FC 200 X** | Fence Cap



ALUMINUM BARRIERS

Aluminum

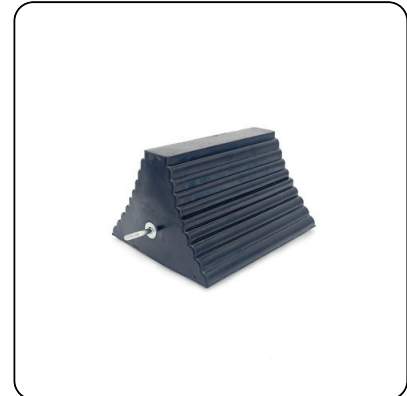
- 47-16-00** | Drift Fence Gate
- 47-16-04** | Drift Fence Panel
- 47-16-05** | Drift Gate Key



SAFETY TIE DOWNS

Safety Tie Downs and Accessories

- 47-01-976** | Aluminum | 3" - 6"
- 47-01-977** | Aluminum | 6" - 11"



WHEEL CHOCKS

Used to keep vehicles in place

- WCR-8** | Rubber | Black
- WCAL-8** | Aluminum | 8"
- WCAL-10** | Aluminum | 10"

SAFETY



ELECTRIC AIR HORN

WoodsCan Hornet -
Rechargeable & Electric -
Portable

47-01-876 | Kit | 147-21-decibal
sound



WARNING SIREN

Blast Warning Siren - Easily
Mounted in Truck

47-01-960



SPEAKERS

100 Watt Speakers

47-01-959 | 100 Watt



SKYSCAN MODEL P5-3

Handheld lightning detector
with 40-mile range and
extended battery life

47-01-818 | P5-3



SKYSCAN STORM-PRO2

Portable storm tracker detecting
lightning up to 130 miles, with
customizable alerts

47-01-819 | Storm-Pro2



BLAST MATS

Best protection against fly rock.

47-BM8X16 | 8' X 16'

47-BM10X15 | 10' X 15'

47-BM12X24 | 12' X 24'

Contact us for custom sizes and
requirements

Discover how MTi products have enhanced blasting operations around the world in our online case study library.



This case study details how a coal miner in the Powder River Basin reduced blasting costs by using air decking with MTi BLASTBAG™ gasbags. By incorporating air gaps in explosive columns, they lowered explosive use without compromising blast performance. Test blasts showed reduced powder factor and significant cost savings, with the mine cutting explosive consumption by 5,800 tons annually, saving around \$1.6 million. Following these successful results, the miner fully adopted air decking, with other miners in the region also conducting similar trials.

The case study highlights how an open-cut gold mine reduced damage to final pit walls by optimizing trim blasting with air decking. Traditionally, confined charges led to cracks and instability in the walls. To address this, the mine introduced self-inflating BLASTBAG™ gasbags to create air gaps in the blast holes, allowing explosive gases to expand more evenly and reduce wall damage. Trial blasts using this method showed significantly smoother pit walls with no cracking beyond the batter row, improving shot accuracy and stability compared to the conventional blast design.



This case study details how a cement quarry near Buenos Aires used air decking to reduce vibrations and improve fragmentation during blasting near a processing plant. By introducing MTi Aero BLASTBAGS™ to create air gaps in explosive columns, the quarry reduced the Maximum Instantaneous Charge (MIC), lowered vibrations, and improved blast performance. This method reduced explosive use by 18%, cutting the powder factor from 180 g/t to 148 g/t, while achieving the desired blast results and lowering costs.

Our Services

01



Custom Design & Manufacturing

We specialize in custom design and machining services for the mining, exploration, and heavy industry sectors. Our team of skilled engineers, machinists, welders, and mechanics collaborates with you to develop high-quality, tailored equipment and products that meet your unique operational needs and challenges.

02



Fabrication

Our advanced fabrication shop is equipped with cutting-edge tools, including a large plasma/waterjet table (8' x 20'), two 10,000 lbs SMH overhead cranes, an AKBEND ASM-S 17 roller, and an iBend CNC hydraulic press brake. This enables us to craft custom equipment such as drill shacks, rod sloops, pump assemblies, and mixing tanks, all certified annually by the Canadian Welding Bureau.

03



Machining

We are dedicated to providing innovative solutions and high-quality equipment tailored to the mining and heavy industry sectors. Our commitment to customer care drives us to collaborate closely with you, ensuring we understand your unique challenges and develop custom products—such as ground-stabilizing core drill pumping units and biodegradable drill caps—to enhance your operations and achieve success.

04



Service & Solutions

We specialize in providing innovative solutions and high-quality equipment tailored to the needs of the mining and heavy industry sectors. With a focus on collaboration and customer care, we design custom products—like ground-stabilizing core drill pumping units and environmentally friendly drill caps—to help you overcome challenges and optimize your operations.

