

Plugs - VK Grout Plugs

VK Grout Plugs

VK Grout Plugs are constructed of zinc and rubber with mild steel pipe in the centre. This allows the grout plug to be drilled out. The VK grout plug can be adapted to drill rods by a left hand pipe thread which allows them to be removed after cementing. **Custom sizes available.**



VK Grout Plug Type 'A'

Type 'A' includes a built-in check valve which seals pressure in the hole making it ideal for grouting.

Components:

- Left or right hand pipe thread
- Wedges
- Rubber seal
- Aluminum tube
- Plastic check ball

Adapters for left hand plugs

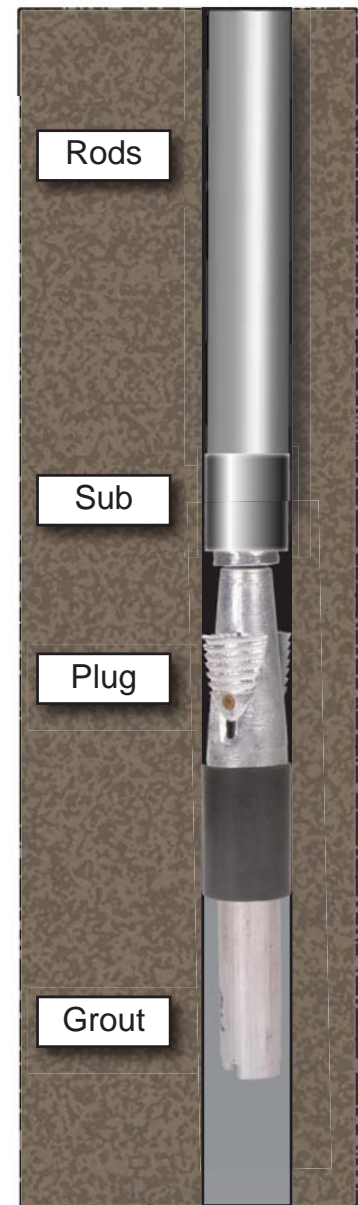
Product Number	Size
427-00	A W/L
427-01	B W/L
427-02	N W/L
427-03	H W/L
427-031	HWT

LEFT HAND PIPE THREAD

Product Number	Model Number	Size	Pipe Size	Length In.
423-16	VKA150L	1 1/2" E	1/2"	13"
423-24	VKA175L	1 3/4"	1/2"	13"
423-32	VKA187L	1 57/64" A	1/2"	13"
423-40	VKA200L	2"	1/2"	13"
423-48	VKA212L	2 1/8"	1/2"	17"
423-56	VKA225L	2 1/4"	1"	17"
423-63	VKA238L	2 23/64" B	1"	17"
423-70	VKA250L	2 1/2"	1"	17"
423-77	VKA275L	2 3/4"	1 1/4"	21"
423-84	VKA300L	2 63/64" N	1 1/4"	21"
423-91	VKA350L	3 1/2"	1 1/4"	21"
423-98	VKA375L	3 25/32" H	1 1/4"	21"
423-119	VKA483L	4 53/64" P	2"	21"

RIGHT HAND PIPE THREAD

Product Number	Model Number	Size	Pipe Size	Length In.
424-16	VKA150R	1 1/2" E	1/2"	13"
424-24	VKA175R	1 3/4"	1/2"	13"
424-32	VKA187R	1 57/64" A	1/2"	13"
424-40	VKA200R	2"	1/2"	13"
424-63	VKA238R	2 23/64" B	1"	17"
424-70	VKA250R	2 1/2"	1"	17"
424-84	VKA300R	2 63/64" N	1 1/4"	21"
424-98	VKA375R	3 25/32" H	1 1/4"	21"
424-119	VKA483R	4 53/64" P	2"	21"



Plugs - Margo Type

Margo Type

MARGO TYPE PLUGS

The Margo type plugs are manufactured in various diameters and lengths. It is mechanically operated from outside the hole, and is generally used for controlling water flow or various gases from drill holes. The plug is inserted into the collar of the hole and the rubbers are expanded by simply tightening the nut.

A valve (as shown) may be screwed onto the protruding end of the plug to control the flow of water or gas.

Margo Accessories



Margo Support Plate	
Product Number	Size
422-600	For 1/2" pipe
422-601	For 1" pipe
422-602	For 2" pipe



Brass Ball Valves	
Product Number	Size
46-01-050	1/2"
46-01-100	1"
46-01-200	2"

Margo Adapters

Product Number	Size
422-B W/L	B
422-N W/L	N
422-H W/L	H
422-P W/L	P



Margo Notes

- Accessories must be ordered separately.
- Margo type plugs may be ordered Standard, with zinc wedges or aluminum expansion shell for added support.

Pictured with Valve installed

Pictured with Valve installed and Zinc Wedge

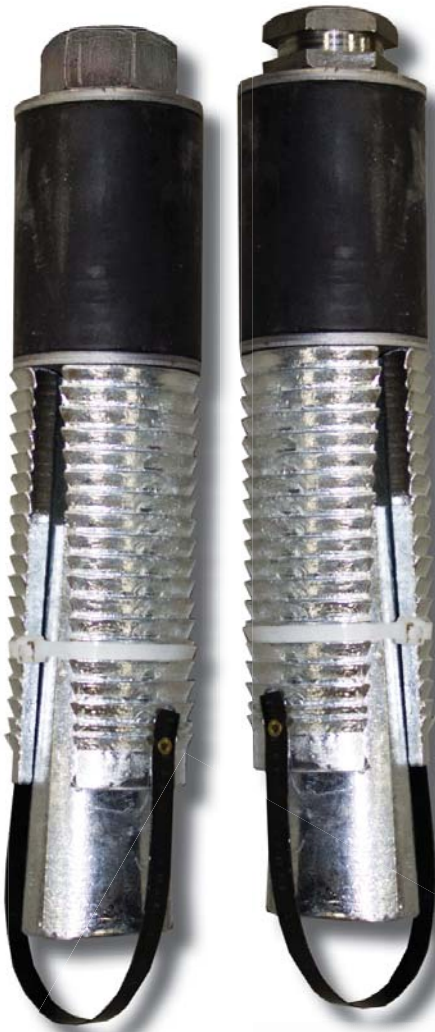


Ref Number	Hole Diameter	Pipe Size	Product Number - determined by length									
			18"	24"	36"	48"	60"	72"	84"	96"	108"	120"
M-112	1-1/4"	1/2"	422-00	422-01	422-02	422-03	422-04	422-05	422-06	422-07	422-08	422-09
M-125	1-3/8"	1/2"	422-10	422-11	422-12	422-13	422-14	422-15	422-16	422-17	422-18	422-19
M-137	1-1/2" EX	1/2"	422-20	422-21	422-22	422-23	422-24	422-25	422-26	422-27	422-28	422-29
M-162	1-3/4"	1/2"	422-30	422-31	422-32	422-33	422-34	422-35	422-36	422-37	422-38	422-39
M-175	1-7/8" A	1/2"	422-40	422-41	422-42	422-43	422-44	422-45	422-46	422-47	422-48	422-49
M-187	2"	1/2"	422-50	422-51	422-52	422-53	422-54	422-55	422-56	422-57	422-58	422-59
M-200	2-1/8"	1/2"	422-60	422-61	422-62	422-63	422-64	422-65	422-66	422-67	422-68	422-69
M-212	2-1/4"	1"	422-70	422-71	422-72	422-73	422-74	422-75	422-76	422-77	422-78	422-79
M-225	2-3/8" B	1"	422-80	422-81	422-82	422-83	422-84	422-85	422-86	422-87	422-88	422-89
M-237	2-1/2"	1"	422-90	422-91	422-92	422-93	422-94	422-95	422-96	422-97	422-98	422-99
M-262	2-3/4"	1"	422-208	422-100	422-101	422-102	422-103	422-104	422-105	422-106	422-107	422-108
M-287	3" N	1"		422-109	422-110	422-111	422-112	422-113	422-114	422-115	422-116	422-117
M-337	3-1/2"	2"		422-118	422-119	422-120	422-121	422-122	422-123	422-124	422-125	422-126
M-350	3-3/4" H	2"		422-127	422-128	422-129	422-130	422-132	422-133	422-206	422-134	422-135
M-375	3-7/8"	2"		422-300	422-301	422-302	422-303	422-304	422-305	422-306	422-307	422-308
M-387	4"	2"		422-136	422-137	422-138	422-139	422-140	422-141	422-142	422-143	422-144
M-437	4-1/2"	2"		422-145	422-146	422-147	422-148	422-149	422-150	422-151	422-152	422-153
M-450	4-3/4" P	2"		422-154	422-155	422-156	422-157	422-158	422-159	422-160	422-161	422-162
M-462	4-7/8"	2"		422-163	422-164	422-165	422-166	422-167	422-168	422-169	422-170	422-171
M-487	5"	2"		422-172	422-173	422-174	422-175	422-176	422-177	422-178	422-179	422-180
M-587	6"	2"		422-217	422-223							



Plugs - Drill Hole Plugs

Plugs



TIME DRILL HOLE PLUGS

Manufactured in Haileybury, Ontario Canada, TIME's Drill hole plugs are primarily used to plug a diamond drill hole.

TIME Drill Hole plugs are designed to be installed at the required depth in the hole.

The Slotted nut(along with the adapter) is used to hold the plug in place while descending the hole to the required depth, offering more control.

The adapter can be used on both standard and slotted Nut style Drill Hole Plugs.

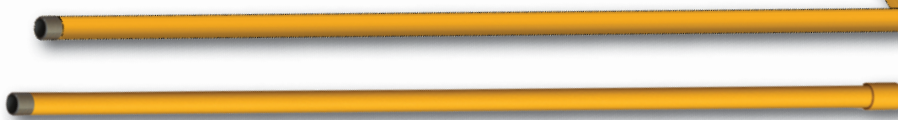
TIME's Drill Hole plugs are made of rubber, zinc and mild steel. It can be drilled out if required.

Ask us about our specialized plug for corrosive environments.

Product Number	Product Reference	Drill Hole Size	Slotted Nut Type	SN Adapter
428-00	P-125	1-1/4" XRP		
428-01	P-138	1-3/8"		
428-02	P-150	1-1/2" EX		
428-03	P-175	1 3/4"		
428-04	P-187	1-7/8" A	428-29	427-05
428-05	P-200	2"		
428-06	P-212	2-1/8"		
428-07	P-238	2-3/8" B	428-27	427-04
428-08	P-300	3" N	428-26	427-06
428-09	P-387	3-3/4" H	428-28	427-07

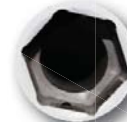
TIME HOLE PLUG HAND TOOL

TIME's hole plug hand tool, is designed to install drill holes plugs to depth without the need of a diamond drill and rods. The hand tool allows 5' extensions to be added, so that the plug can be lowered down the hole to the required depth.



Product Number	Description
427-30	Hole Plug Hand Tool - 5'
427-31	Hole Plug Hand Tool Extension - 5'
427-32	Hole Plug Hand Tool Socket 5/8" Nut
427-33	Hole Plug Hand Tool 1" Nut
427-34	Hole Plug Hand Tool 1-3/4" Nut

Adapter



Top View



Side View



Van Ruth

VAN RUTH CEMENTING AND WEDGING PLUG

Applications:

- Used for wedging in off bottom situations such as branch holes;
- Most effective as bridge plugs for spot cementing sections of holes;
- Prevent dilution of cement by drilling fluids.

Cementing and Wedging Plugs are also used in some wedging applications and where holes are making water.

Installation procedure:

The Cementing and Wedging Plug is pumped down an open rod line to the required location. Spring loaded slips grab wall of hole upon leaving rod line; taper on plug locks in slips. A high pressure reading indicates plug has set correctly.

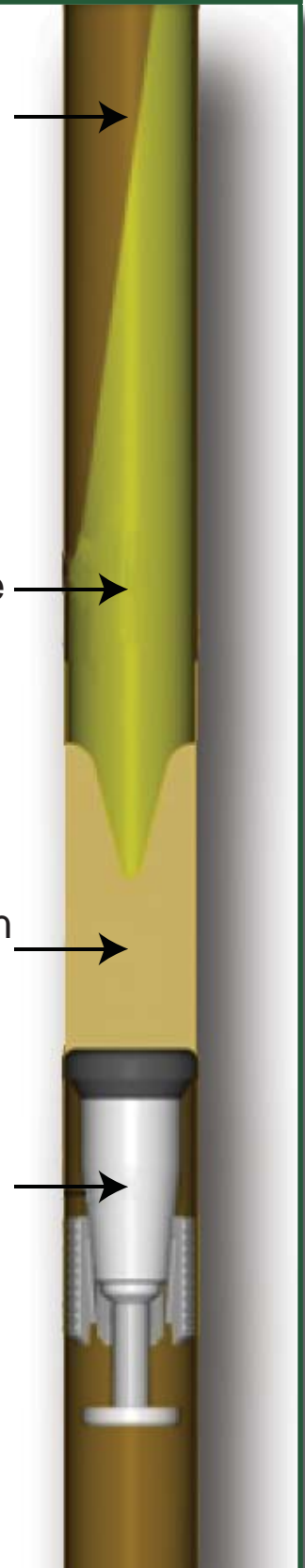


Drill Hole

Wedge

Wooden Plug

CW Plug



Product Number	Size
409-00	A
409-01	B
409-02	H
409-03	N
409-04	P



Plugs - Van Ruth HUP Series

Van Ruth - Hold Up Plug

The Van Ruth Hold Up Plug have applications for both surface and underground use and are designed as a safety feature against water or tooling existing the drill rod. The plug is particularly effective as a safety feature when drilling an up hole in an underground environment, such as allowing an operator to safely pull rods when there is a problem in the hole, such as a stuck inner tube.



Instructions for Use:

- Insert the plug into the drill string
- Use the water pump to pump the plug upward or downward in the drill string
- Plug will lock itself in the drill string when it reaches an obstruction in the hole

Product Number	Size
409-09	AW/L VR ROD HUP
409-10	BW/L VR ROD HUP
409-19	BW/L-TK VR ROD HUP
409-11	NW/L VR ROD HUP
409-15	HW/L VR ROD HUP
409-30	PW/L VR ROD HUP



DISPLACEMENT PLUG / WIPER PLUG

Displacement plugs are used in diamond drill rods and casings for cleaning the inside of the rods.

Features:

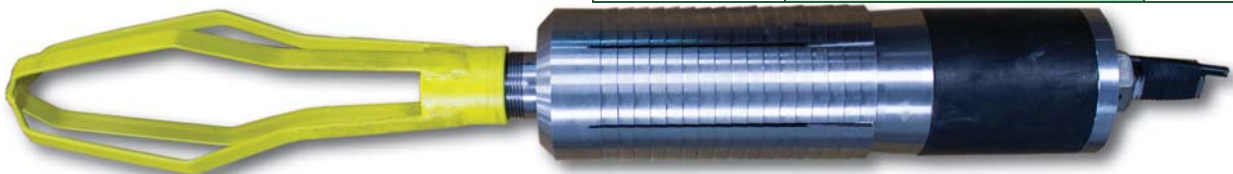
- made of soft natural rubber
- commonly used for cleaning the inside of drilling rod during cementing or grouting operations

Product Number	Size
413-00	A
413-01	B
413-02	H
413-03	N
413-04	P

HP HOLE PLUG W / Rubber

The HP Hole plug is designed to be installed in holes with pressure build-up. The HP Hole plug can be safely installed to depth to allow cementing over top.

Product Number	Description	Adapter
595-06WR	BW/L HOLE PLUG W/RUBBER	595-07
596-06WR	NW/L HOLE PLUG W/RUBBER	596-07
597-06WR	HW/L HOLE PLUG W/RUBBER	597-07
598-06WR	PW/L HOLE PLUG W/RUBBER	598-07



Various Plugs

GRAPHITE PLUGS

Graphite Plugs are used with drill rods.

INSTRUCTIONS

- Insert plug into drill bit before lowering rods to ensure no debris enters drill rods and rods travel smoothly to the bottom of the hole.
- Graphite plug is easily drilled out once the rods are at the bottom of the hole

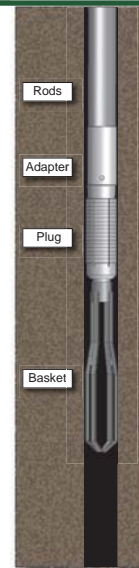


Product Number	Size
GRAPHITE AWL	A
GRAPHITE ATK	ATK
GRAPHITE BWL	B
GRAPHITE BTK	BTK
GRAPHITE NWL	N
GRAPHITE NTK	NTK
GRAPHITE N-2	N2
GRAPHITE N-3	N3
GRAPHITE HWL	H
GRAPHITE PWL	P

STEEL WEDGE PLUGS

Commonly referred to as a "Bradley Plug", it consists of a Steel Basket, a Wedge Plug with pin and a Rod Box to Wedge plug adapter.

Product Number	Description	Size
595-05	Steel Plug Basket	B
595-06	Wedge Plug with Pin	B
595-07	Rod Box to Wedge Plug Adapter	B
596-05	Steel Plug Basket	N
596-06	Wedge Plug with Pin	N
596-07	Rod Box to Wedge Plug Adapter	N
597-05	Steel Plug Basket	H
597-06	Wedge Plug with Pin	H
597-07	Rod Box to Wedge Plug Adapter	H



WOODEN PLUGS



Wooden Plugs are used with bypass wedges. They are used to fill the hole before you continue on.

Product Number	Size
595-03	B
596-03	N
597-03	H

Special High Volume Plug

Product Number	Size
92-4000	'N'



Plugs - Marker Plugs

Drill Hole Marker Plugs

Why HI-VIS Yellow? HI-VIS Yellow is associated with safety. It is seen on caution signs, construction equipment, guardrails, and safety clothing.

- HI-VIS Yellow complies with standard safety rules.
- HI-VIS Yellow will keep the original brightness for a long time. The time depends on the exposure level of UV. Under normal outdoor conditions it will last for minimal 4-5 years.
- HI-VIS Yellow is easier to see in the dark.

Drill hole marker plugs are offered in a range of sizes to accommodate drill holes of ½" to 18". They are light, will not freeze and can be reused. They will not be damaged or moved when run over by heavy machinery.



EXCLUSIVE

Product No.		Model #	Qty/ Case	Wt/ Case	Open End	Length/ Depth	Rim	Bottom End, Closed	Indentation: Half-Rnd. Diam.	Wall Thickness
Standard	Hi Vis									
41-00	41-00-HV	Model #1	200	12 lbs.	2"	6"	½"	½"	5/16"	.0625"
41-01	41-01-HV	Model #1-A	100	9 lbs.	2 ½"	4"	½"	1 ¾"	5/16"	.0625"
41-02	41-02-HV	Model #2	100	20 lbs.	3 ½"	8"	½"	2"	5/16"	.0800"
41-06	41-06-HV	Model #4	100	27 lbs.	4.7"	8"	⅝"	2 ½"	5/16"	.0800"
41-03	41-03-HV	Model #6	50	25 lbs.	6"	10"	¾"	3"	5/16"	.0800"
41-04	41-04-HV	Model #9	20	20 lbs.	9"	11"	1"	5 ⅝"	5/16"	.0900"
41-08	41-08-HV	Model # 10	30	20 lbs.	11"	11"	1 ¼"	5 ⅝"	5/16"	.0900"
41-05	41-05-HV	Model #13	*BULK*	3 lbs. Ea.	13"	16"	1 ¼"	9 ½"	5/16"	.0900"
41-07	41-07-HV	Model #18	*BULK*	5 lbs. Ea.	18"	12"	1 ½"	10"	5/16"	.0900"

BULK - Sold in any quantity requested

EXCLUSIVE



6 Plug, cap and casing

9 Plug, cap and casing



Drill Hole marker plug, cap and casing are all designed in conjunction, to ensure a safe and proper fit.



Product Number	Description	Quantity per Box
41-03-PCHV	HI-VIS # 6 PLUG & CAP KIT	20 Plugs and Caps
47-1084	HDPE - POLYETHYLENE PIPE FOR # 6 TIME HI-VIS PLUG & CAP	25 10' lengths / bundle 3 bundle min. purchase
41-04-PCHV	HI-VIS # 9 PLUG & CAP KIT	8 Plugs and Caps
47-1111-04 (4') 47-1111-06 (6') 47-1111-08 (8') 47-1111-10 (10')	** EXCLUSIVE** HDPE - POLYETHYLENE PIPE FOR # 9 TIME HI-VIS PLUG & CAP	Available 4',6',8',10' lengths 200 pcs min. purchase



Plugs - Powder, Stemming

Powder Plugs

Pilgrim Hat Powder Plugs

Red plastic pilgrim hat powder plugs and white expansion plugs are used to secure the charge in rising drill holes.



Product No.	Description	Qty/ Case	Wt/ Case	Feathered End	Overall Length	Closed End
40-00	Red 1 5/8" Powder Plug	1,000	25 lbs.	3 1/2"	2"	1"
40-01	Red 2" Powder Plug	650	25 lbs.	4"	2"	1 1/4"
40-02	Red 3" Powder Plug	270	25 lbs.	5"	3"	2"
40-06	White Expansion (Birdie) Plug	720	11 lbs.	2 1/2"	2"	1 1/4"
40-07	Red Powder Plug	1,000	15 lbs.	2 1/2"	1"	1/2"
40-12	Red 3" Extended Powder Plug (shown in white)	150	21 lbs	5"	6"	2"

ATEK Powder Plug



Product No.	Description
40-08	#4 ATEK Powder Plug (2-1/4" Drive Point)
40-10	#5 ATEK Powder Plug (2" Drive Point)
40-11	#6 ATEK Powder Plug (1" Drive Point)



STEMMING PLUGS



A cost effective way to quickly and easily seal the blast hole. They can also be used to create air pockets for in pre-split operations.

Product Number	Size
47-1050-08	Stemming Plug 8"
47-1050-13	Stemming Plug 13"



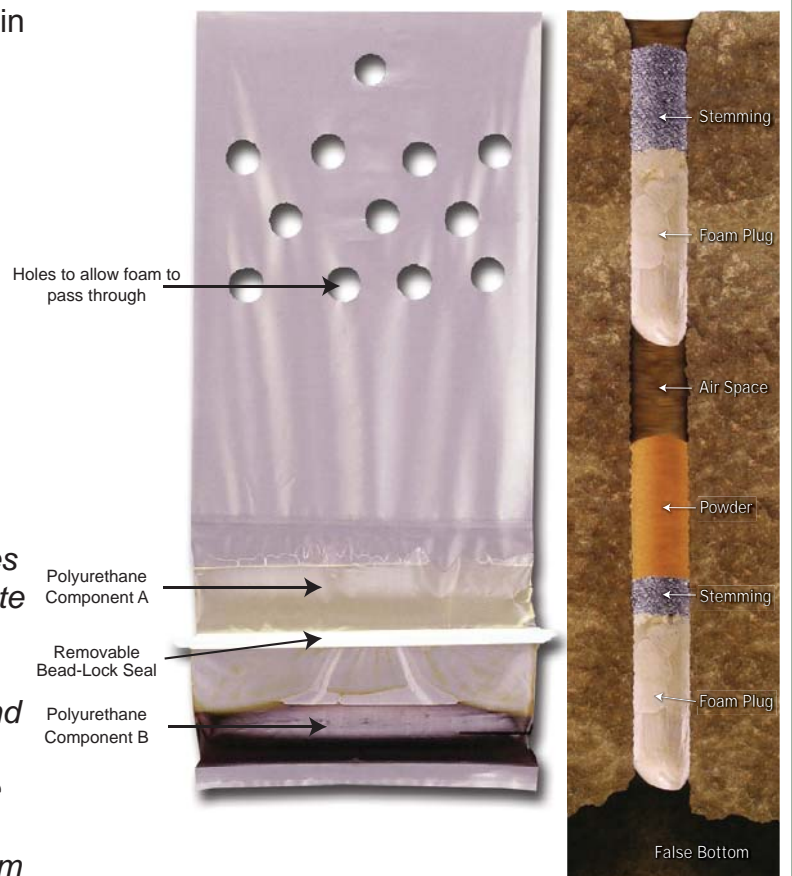
Plugs - Foam Stemming Plugs

Foam Stemming Plugs (FSP)

Foam Stemming Plugs have various uses in the mining sector, such as plugging blast holes, decking around mud seams or voids, and preventing debris infiltration in downholes. FSP can also be used to retain emulsion in overhead holes. Additional applications include: pipe or conduit abandonment, void filling and temporary water control for large leaks. **Caution must always be exercised in using stem plug kits.**

FSP works by expanding until the chemical packaging breaks. The foam continues to expand into the hole and adheres to the sides. FSP makes 15 inches of foam in a 4" hole. Allow about one minute to mix and place. It will be fully cured to support weight in 20 minutes.

It can also be placed between a charge and the stemming to improve the gas seal and bridging. In this application, simply mix the plug and drop onto the charge. When you hear the plug pop, add stemming. The foam will rise into the stemming and create a matrix of foam and rock.



Features:

- Solid foam plug supports 7000 lbs
- Foam adheres to the wall and is mechanically locked in place
- Deemed 100% environmentally safe by US federal agencies
- Ample time to lower the plug into hole before foam expands
- Shelf life of approximately six months

How to use:

- Break the seal: remove rubber cord from plastic channel
- Tuck component portion of bag inside outer bag
- Tie the drop line onto bag
- Thoroughly agitate
- Lower bag into the hole
- Hold in position until foam expands

Typical Properties

Expansion	Approx. 30X
Fill	15" on 4" diameter hole
Foam Density	Approx. 1.8 PCF
Appearance	"Small bag with A and B components separated"
Dimensions	Approx. 4.5" x 8"

Product Number Size

420-90	15" of foam in 4" hole
--------	------------------------



Plugs - Vinegar Gas Bags

Vinegar Gas Bags

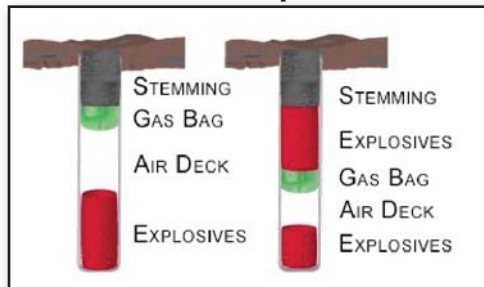


The Stemlock Gas Bag® is a self inflating borehole plug that is used to block or seal a hole at any depth.

- For 3" to 16" diameter holes.
- No air compressor, bags self inflate chemically.
- No leakage, Gas Bag is sealed
- No heat produced during inflation
- Ingredients are not carcinogenic.
- Substantial savings, up to 35% in explosives costs can be made by using the Gas Bag for air column blasting techniques.

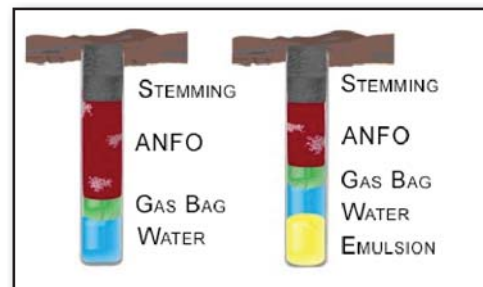
Uses

Use Less Explosives



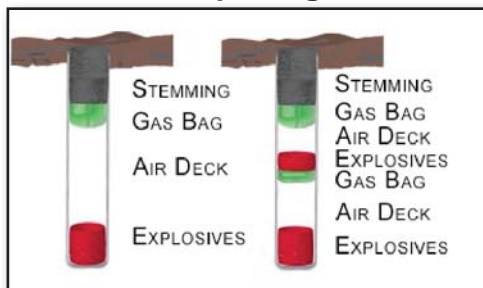
Save 15% to 35% of the total explosive load and still have excellent dig-ability. It's possible to reduce vibration and noise in addition to cost savings.

Substitute ANFO for Emulsion Blends



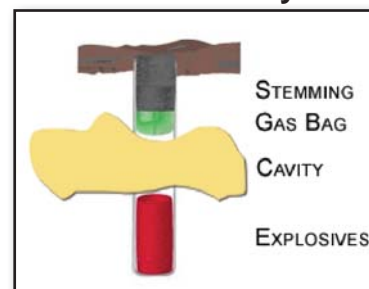
If your holes have only a few feet of water, try dropping a Gas Bag on the water to seal off the hole. Add a little stemming and use ANFO instead of waterproof explosives. Generally you can use this system up to 6 times the borehole diameter of water.

Pre-splitting



Hole spacing should be 15 to 24 times the borehole diameter in inches depending on the local geology. If the hole is over 50 feet deep, two or more charges should be used for better explosive distribution. Usually about 60% of the total charge should be in the bottom. Charge weights should range between 3% to 10% of the total charge in a normal production hole. Holes should be stemmed for noise reduction.

With a Cavity



Block a void or cavity that the drilled hole has penetrated. Plug exploration holes.

Product Number	Description
47-1024	GAS BAG 4" VINEGAR
47-1025	GAS BAG 6" VINEGAR
47-1026	GAS BAG 8" VINEGAR
47-1033	GAS BAG 9" VINEGAR



Plugs - TIME Products

MINING

HOSE & HOSE FITTINGS

Chicago Couplings
Hose - air, water & hydraulic
Minsup Fittings
Hansen Couplings
Punch-Lok Clamps
TIME Hose Fittings
Whipchek Hose Anchors



LIGHTING

Dual beam & alignment lasers
Airturbo Lamp
LED Mine Strobe Light (MSHA)
Cordless Miner's Cap Lamp
Tunnel Lamp
LED Flood Lights



MINING PLUGS

Anchor Bolts
Displacement Plugs
Margo Plugs
Drill Hole Plugs
Stemming Plugs
Van Ruth Plugs
VK Grout Plugs



BARRIER PROTECTION

Marcel Gate
Barrier Protection
Complete Remote Systems



DRILLING

PERCUSSIVE TOOLS

Tapered Equipment
Drifting & Tunneling
Bench & Long Hole
Shanks



DIAMOND DRILL TOOLS, FLUIDS & POLYMERS

Core Barrels
Water Equipment
Wedging Tools
Recovery Tools
Hoisting Equipment
Bestolife Lubricants
Ambex Anchoring Capsules
Drilling Fluids
Linseed Soap
Rod Grease
Citrus Degreaser



BLAST HOLE PRODUCTS

PVC & Polyethylene Pipe
Anti-Static Loading Hose
Loading Bags
Depth Gauges
Drill Hole Marker Plugs
Hi-Vis Drill Hole Marker Plugs
Birdie Plugs
Powder Plugs
Blasting Wire
CAB Wire Hangers



VALVES

Brass Ball Valves
Brass Water Valves
Butterfly Valves
Gate Valves
Mine Header Valves
Mortrol Valves
Relief Valves



TIME
www.time ltd.ca

INDUSTRIAL

PUMPS & PARTS

FMC (Bean) Pumps & parts
FMC (Bean) Pump Assemblies
Prattisoli KF Series pumps
NOMAD Diaphragm Pumps



ENVIRONMENT - HEALTH - SAFETY

CSA approved Miner's Boots
Safety Glasses, Goggles, Visors
Hand, Head & Hearing Protection
Harnesses & Lanyards
Sorbent Mats, Rolls, Socks, Booms & Pillows
Spill Kits



JOB SITE STORAGE EQUIPMENT

Tough and ultra-secure:
Storage chests & cabinets
Work benches
Field stations



MINING SUPPLIES

Atomizer Bars - 3' and 12'
Black Iron Fittings & Nipples
COXREEL Safety Reels
Hand Tools
Mine Hooks - H & S
Mining Header Manifolds
Muck Scoops
Proptec Rotary Mister
RIDGID Pipe Wrenches
RIDGID Threading Machines
Strapping - CARISTRAP, STRAPRITE



HOISTING & LIFTING

Chain
Loadbinders
Poly Rope
Shackles & hooks
Sheave Blocks - 6" & 8"
Wire Rope



[f](#) [t](#) [in](#)

TIME

8AM - 5PM EST TELÉPHONE DE 8h À 17h (HNE) 705-647-8138

[Manufacturing & Fabrication](#)
[Resources](#)
[Services](#)
[Demander une soumission](#)
[Catalogue de produits](#)

[Mining](#)
[Exploration](#)
[Industrial](#)
[Customization](#)
[Distribution](#)
[Manufacturing](#)
[Innovations](#)

Brand New Website
Tout Nouveau Site Web

www.time ltd.ca

rev 04292016en



North America 1-800-669-3542
International +1-705-647-8138

PAGE: PL12



www.time ltd.ca