

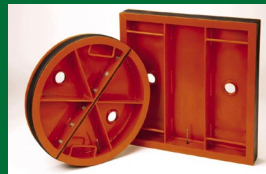
OVER 30 YEARS OF PIPING INDUSTRY EXPERIENCE

Practical Tools Inc. 905-727-0014 / 888-847-8880 email: practicaltools@bellnet.ca



# TEST PLUGS

A COMPLETE LINE OF LOW, MEDIUM & HIGH PRESSURE TEST PLUGS



**COB**  
INDUSTRIES, INC.

# LOW PRESSURE NYLON EXPANSION PLUGS 0.5" to 6"



## SOLID STEM / SS-0.5" TO 1.5"

STOCK NUMBER	NOMINAL SIZE	SIZE UNEXPANDED	SIZE EXPANDED	UNIT WEIGHT (lbs.)
SS 0.50	0.50"	0.490"	0.600"	1/4
SS 0.75	0.75"	0.740"	0.900"	1/4
SS 1.00	1.00"	0.975"	1.200"	1/4
SS 1.25	1.25"	1.225"	1.450"	1/4
SS 1.50	1.50"	1.480"	1.750"	1/4

(SS series now available with vented stem)

## HOLLOW STEM / VS - 0.5" TO 6"

STOCK NUMBER	NOMINAL SIZE	SIZE UNEXPANDED	SIZE EXPANDED	UNIT WEIGHT (lbs.)
VS 0.50	0.50"	0.490"	0.600"	1/4
VS 0.75	0.75"	0.740"	0.900"	1/4
VS 1.00	1.00"	0.975"	1.200"	1/4
VS 1.25	1.25"	1.225"	1.450"	1/4
VS 1.50	1.50"	1.420"	1.930"	1/4
VS 2.00	2.00"	1.930"	2.360"	1/4
VS 2.50	2.50"	2.400"	2.760"	1/4
VS 3.00	3.00"	2.870"	3.310"	1/3
VS 3.50	3.50"	3.346"	3.818"	1/3
VS 4.00	4.00"	3.540"	4.250"	1/2
VS 4.50	4.50"	4.488"	5.118"	1/2
VS 5.00	5.00"	4.720"	5.370"	1
VS 6.00	6.00"	5.500"	6.290"	1

NPHOSE18 18" RUBBER HOSE W/ 1/2" NPT FITTINGS

NPHOSE48 48" RUBBER HOSE W/ 1/2" NPT FITTINGS

## COB ADVANTAGES

- Quality, lightweight, durable nylon. 20% lighter than metal.
- Tough/shatter-proof and easily cleaned and maintained, corrosion resistant.
- Plaster and cement do not adhere to the plug.
- Friction-reducing acetal copolymer thrust washer inserted between plate and wing nut provides for easy expansion.
- Natural rubber provides "superior" seal.
- Larger sizes incorporate strengthening ribs to provide rigidity in use.
- Silicon, nitrile, and viton seals available.

# CAST ALUMINUM EXPANSION PLUGS

1 1/2" TO 36"



## ALUMINUM / AP-1 1/2" TO 36"

STOCK NUMBER	NOMINAL SIZE	SIZE UNEXPANDED	SIZE EXPANDED	STEM DIAMETER	UNIT WEIGHT (lbs.)
AP01.50	1 1/2"	1.456"	1.889"	1/2"	.50 LB
AP02.00	2"	1.889"	2.440"	1/2"	.50 LB
AP02.50	2 1/2"	2.440"	2.775"	1/2"	.50 LB
AP03.00	3"	2.795"	3.425"	1/2"	.75 LB
AP03.50	3 1/2"	3.503"	3.700"	1/2"	1 LB
AP04.00	4"	3.779"	4.133"	1/2"	1 LB
AP04.50	4 1/2"	4.251"	4.724"	1/2"	1 LB
AP05.00	5"	4.842"	5.393"	1/2"	1.5 LBS
AP06.00	6"	5.900"	6.550"	1/2"	1.5 LBS
AP07.00	7"	6.550"	7.300"	1"	3.2 LBS
AP08.00	8"	7.700"	8.550"	1"	3.4 LBS
AP09.00	9"	8.200"	9.100"	1"	3.9 LBS
AP010.00	10"	9.200"	10.250"	1"	4.5 LBS
AP11.00	11"	10.300"	11.200"	1"	4.9 LBS
AP12.00	12"	11.350"	12.450"	1"	6.7 LBS
AP14.00	14"	13.800"	15.100"	1"	11 LBS
AP15.00	15"	14.350"	15.800"	1"	11.3 LBS
AP16.00	16"	15.600"	17.000"	1"	13.8 LBS
AP18.00	18"	17.450"	19.250"	1"	17 LBS
AP20.00	20"	19.150"	20.650"	2"	30 LBS
AP21.00	21"	20.650"	22.100"	2"	22.7 LBS
AP24.00	24"	23.550"	25.500"	2"	33 LBS
AP27.00	27"	26.250"	27.700"	2"	44 LBS
AP30.00	30"	29.250"	31.000"	2"	60 LBS
AP32.00	32"	31.102"	34.480"	2"	59 LBS
AP36.00	36"	34.500"	36.800"	2"	96 LBS

## COB ADVANTAGES

- Lightweight, easy to handle - up to 70% lighter than similar steel plugs.
- Durable cast aluminum - heavy duty, non-corrosive and maintenance-free; with natural rubber seal.
- Fill or Vent - threaded pipe stem has removable cap.
- Simple to install and work with - wing nut easily expands rubber seal.
- Special sizes are available to increase expansion range.

**NOTE:** Expansion plugs are less effective at the higher limits of expansion than in the mid range. Let us help you by supplying the proper sizes for your requirements.

## PIPE PLUG KIT



Part # WTP001

Kit includes Nylon Expansion Plugs from 1/2" through 4" sizes (includes fittings and caps) in a hard carrying case with custom foam inserts. Items included:

- (2) each of 1/2", 3/4", 1.0", 1.25", 1.50" (flanged plugs, solid stem)
- (2) each of 1/2", 3/4", 1.0", 1.25", 1.50" (flanged plugs, vented stem)
- (2) each of 1.50", 2.0", 2.50", 3.0", 3.5", 4.0" (vented stem)

## LOW PRESSURE EXPANSION PLUGS

(Assorted Styles)



Low pressure expansion plugs available in a variety of styles including Turn-Tite, Snap-Tite, Hex-Nut and Thumb-Nut Plugs. These plugs provide a quick and easy ID seal for little to no pressure applications. Available for 3/8" – 4" sizes. (Hex Nut and Thumb Nut styles not pictured.)

Practical Tools Inc.

888-847-8880 / 905-727-0014 / fax 905-727-8483

## OLS PIPE PLUG/FLOW STOPPER



### TYPICAL APPLICATIONS

- Used as a block plug, a water/air test plug, or leak locating back plug.
- Can be floated down pipe and stopped at desired location to prevent going down a manhole for installation or removal.
- Grows shorter as it inflates to put less stress on plug.

PART #	INFLATION PRESSURE MAX	DIAMETER MIN. INCHES	DIAMETER MAX. INCHES	LENGTH INCHES	OLS DIAMETER	WEIGHT LBS.
OLS-40/70	20	1.60	2.75	6.30	1.40	.50
OLS-65/100	22	2.50	4.00	4.00	2.3	1.00
OLS-70/150	20	2.75	6.00	12.20	2.60	1.20
*OLS-100/200	42	4.00	8.00	20.00	3.75	4.40
*OLS-100/200S	44	4.00	8.00	9.80	3.75	2.40
*OLS-150/300	44	6.00	12.00	19.70	5.30	5.10
*OLS-200/400	42	8.00	16.00	20.00	6.90	8.80
*OLS-300/600	42	12.00	24.00	24.00	11.40	19.80
*OLS-500/1000	42	20.00	40.00	40.00	17.90	44.00
*OLS-500/1200	42	20.00	48.00	61.00	18.00	115.00

\*This product is also available in a more chemical resistant nitrile rubber quality.

Max. Backpressure with Water Tests At Mentioned Pipe Dia. in Inches

OLS	2"	3"	4"	6"	8"	12"	16"	20"	24"	28"	31"	35"	39"	47"
	PSI													
OLS-40/70	13	10												
OLS-65/100		13	12											
OLS-70/150		13	12	10										
OLS-100/200			29	23	19									
OLS-100/200S			29	19	7									
OLS-150/300				29	21	13								
OLS-200/400					29	25	13							
OLS-300/600						29	26	23	13					
OLS-500/1000								29	28	26	23	13	6	
OLS-500/1200									28	28	26	26	25	12

## FLEX ODS BYPASS PLUG



### COB ADVANTAGES

- Equipped with replaceable insert through plug body.
- Allows capping for air tight seal or connection for pipe or hose.
- Ideal for by-passing applications.

PART #	INFLATION PRESSURE MAX	DIA. MIN. INCHES	DIA. MAX. INCHES	CONNECTION TYPE	LENGTH INCHES	WEIGHT LBS.
Flex-ODS 100/200	28	4.00	8.00	see factory	20	4.40
Flex-ODS 200/400	28	8.00	16.00	see factory	20	20.00
Flex-ODS 300/600	28	12.00	24.00	see factory	24	38.00
Flex-ODS 500/1000	28	20.00	40.00	see factory	49	118.00
Flex-ODS 500/1200	28	20.00	48.00	see factory	61	135.00

Max. Backpressure with Water Tests At Mentioned Pipe Dia. in Inches

Flex-ODS	2"	3"	4"	6"	8"	12"	16"	20"	24"	28"	31"	35"	39"	47"
	PSI													
Flex-ODS 100/200			19	14	10									
Flex-ODS 200/400					19	16	7							
Flex-ODS 300/600						19	17	14	9					
Flex-ODS 500/1000								19	17	16	16	14	9	
Flex-ODS 500/1200									19	17	16	16	14	7

# MEGAPLUG®



PART #	INFLATION PRESSURE MAX	DIA. MIN. INCHES	DIA. MAX. INCHES	CONNECTION FRONT & BACK	DIA. ODS	LENGTH INCHES	WEIGHT LBS.
ODS-1400	20	20	55	see factory	19.30	78	172
ODS-1600	14.2	28	63	see factory	19.30	91	199
ODS-2000	14.2	32	78	see factory	19.30	130	286
ODS-2400	7	47	96	see factory	30.00	158	661

The MEGAPLUG® is specially designed for large diameter pipe (32" +). The unique construction allows these useful plugs to seal in many different pipe diameters through a standard manhole cover. The MEGAPLUG® is built from high quality Kevlar® cord reinforced neoprene and comes ready to test and bypass with air or water.

### Max. Backpressure with Water Tests At Mentioned Diameter

TYPE ODS	Working Press. Max	20"	24"	28"	32"	36"	40"	48"	55"	63"	71"	79"	87"	96"
ODS 1400	20.0 PSI	20.0	19.0	19.0	18.0	17.5	17.0	15.5	12.0					
ODS 1600	14.2 PSI			13.5	12.5	12.0	11.5	10.0	8.5	7.0				
ODS 2000	14.2 PSI				13.5	12.5	11.5	10.0	9.0	8.5	7.5	7.0		
ODS 2400	7.0 PSI								6.0	6.0	4.0	4.0	3.0	3.0

## QWIK-SEALFAST INFLATABLE PLUGS 4" TO 72"

The M.P. Plug design utilizes a combination of a positive seal with the restraining tension produced by the set screws on the pipe I.D. to withstand total line loads up to 150 PSI. (consult factory)



### COB ADVANTAGES

- Line test pressures up to 150 PSI
- High strength corrosive resistant aluminum alloy with SBR rubber
- Inflates with minimum volume of air

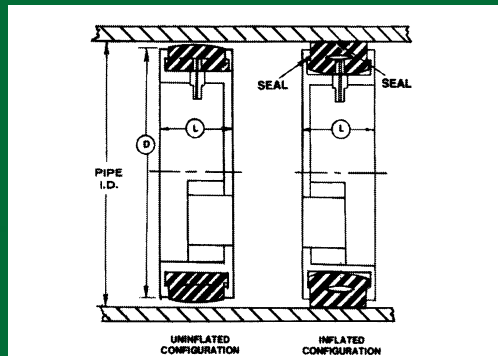
TEST PLUG PIPE I.D. RANGE	LINE TEST P.S.I.G.	TOTAL LINE LOAD IN LBS. AT TOP OF RANGE
4" - 36"	150	152,682 lbs.
36" - 54"	105	240,474 lbs.
54" - 72"	60	244,291 lbs.

OVER 72" CONTACT FACTORY FOR INFO.

\*Mechanical Seals Available.

### TYPICAL APPLICATIONS

- Treatment and purification lines
- Intermediate transmission lines
- Subaqueous transmission and discharge
- Force main and water main
- Pumping and lift stations
- Nuclear cooling lines
- Irrigation supply
- Pipe line testing
- Shipyards



# QWIK-HIGH PRESSURE PIPE STOPPERS

0.5" to 24"

Designed for pressure testing up to 3,000 PSI. Special "Twin Cone" grips provide 100% contact with pipe wall and minimize tube wall contact.



## ADVANTAGES

- Schedule 40, 80, 160 and special sizes available
  - Easy installation and removal
  - Case hardened steel - cadmium plated
- Note: Small bore model for .480" to 1.125" inside diameter.

SCHD. 40 STOCK NO.	SCHD. 80 STOCK NO.	SCHD.160 STOCK NO.	NOMINAL SIZE (IPS)	MAX OP. PRESSURE (psig)	STEM DIA (in)	UNIT WEIGHT (lbs.)
0400.50	0800.50	1600.50	1/2"	3000	1/2	0.5
0040.75	0800.75	1600.75	3/4"	3000	1/2	0.5
0401.00	0801.00	1601.00	1"	3000	1/2	0.5
0401.25	0801.25	1601.25	1 1/4"	3000	5/8	1
0401.50	0801.50	1601.50	1 1/2"	3000	7/8	2
0402.00	0802.00	1602.00	2"	3000	7/8	3
0402.50	0802.50	1602.50	2 1/2"	3000	7/8	4
0403.00	0803.00	1603.00	3"	3000	1 1/4	5
0403.50	0803.50	1603.50	3 1/2"	3000	1 1/4	7
0404.00	0804.00	1604.00	4"	3000	1 1/4	9
0406.00	0806.00	1606.00	6"	2000	1 1/2	21
0408.00	0808.00	1608.00	8"	1500	1 1/2	32

10+ Please call for specifications

## QWIK-HIGH PRESSURE EXTERNAL CLOSURE

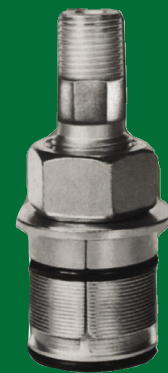


For Hydrostatic Testing & Plain-End Pipe & Tubing

### ADVANTAGES:

- Instant, external sealing. Just slide on and tighten
  - High safety factor-as test pressure increases, the clamp forms a tighter seal.
  - Great reliability. An industry-proven performer
  - Wide range of sizes in tubing and pipe up to 12-in Dia
  - Available in alloy steel, aluminum and stainless steel
- (NOTE: Order CCN for pipe and CCT for Tubing)

## QWIK-SOCKET WELD PLUG



- Sizes available in 1/2", 3/4", 1 1/4", 1 1/2", 2".
- Eliminates need for welding plugs or nipples to opening for testing.
- Available with filling or venting connection similar to type "C" stopper.

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## QWIK-GATE PLUGS



Qwik-Gate plugs can be used to change out valves, add fittings or make line repairs and test lines without shutting off water or draining lines. Seals withstand temperatures from -25°F to 225°F. Qwik-Gate plugs can be used on copper, steel or PVC lines and are rated for up to 65 PSI.

PART #	NOMINAL SIZE	UNEXPANDED DIAMETER
QG0.50	1/2"	0.45"
QG0.75	3/4"	0.65"
QG1.00	1"	0.85"
QG1.25	1.25"	1.10"
QG1.50	1.50"	1.31"
QG2.00	2.00"	1.70"
QG2.50	2.50"	2.10"
QG3.00	3"	2.70"
QG4.00	4"	3.50"

## GROUT PACKERS



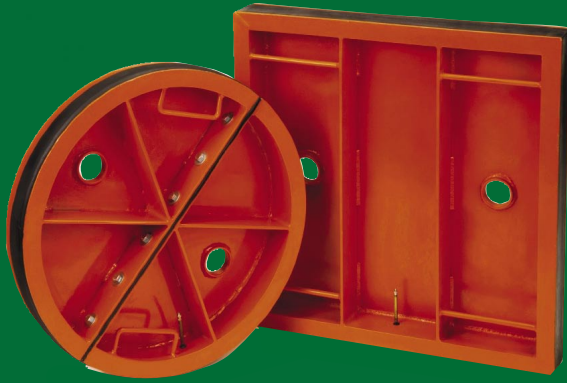
Multi-Sized Grout Packers are now available in a range of sizes and lengths. These are rugged and easy to use, and come with an aluminum dome ends with eyebolts. Max. Inflation Pressure is 36 PSI.

PART #	SIZE	PART #	SIZE	PART #	SIZE
LP 70/100-600	2.73" - 4" x 24"	LP 100/150-600	4" - 6" x 24"	LP 150/200-600	6" - 8" x 24"
LP 70/100-1000	2.73" - 4" x 40"	LP 100/150-1000	4" - 6" x 40"	LP 150/200-1000	6" - 8" x 40"
LP 70/100-1500	2.73" - 4" x 60"	LP 100/150-1500	4" - 6" x 60"	LP 150/200-1500	6" - 8" x 60"
LP 70/100-2000	2.73" - 4" x 80"	LP 100/150-2000	4" - 6" x 80"	LP 150/200-2000	6" - 8" x 80"
LP 70/100-3000	2.73" - 4" x 120"	LP 100/150-3000	4" - 6" x 120"	LP 150/200-3000	6" - 8" x 120"
LP 70/100-4000	2.73" - 4" x 160"	LP 100/150-4000	4" - 6" x 160"	LP 150/200-4000	6" - 8" x 160"
LP 70/100-5000	2.73" - 4" x 200"	LP 100/150-5000	4" - 6" x 200"	LP 150/200-5000	6" - 8" x 200"



# INFLATABLE SEAL PLUGS

## Low and Medium Pressure



Inflatable seal plugs have been proven around the world for blocking, testing, by-passing and keeping lines under construction clean.

Large diameter disc plug unit equipped with 2" test ports.  
Braced pressure 15 psi.

### QWIK-TEST

PART #	FOR PIPE SIZE	MIN. PIPE DIA.	MAX. PIPE DIA.	UNIT WEIGHT (lbs.)
010-24-0	24"	23.7"	24.25"	26.5
011-27-1	27"	26.5"	27.25"	87.0
011-30-1	30"	29.5"	30.25"	90.0
011-33-1	33"	32.5"	33.25"	115.0
011-36-1	36"	35.5"	36.25"	127.0
011-39-1	39"	38.5"	39.25"	138.0
011-42-1	42"	41.5"	42.25"	155.0
011-45-1	45"	44.5"	45.25"	172.0
011-48-1	48"	47.5"	48.25"	183.0
011-54-1	54"	53.5"	54.25"	265.0
011-60-1	60"	59.5"	60.25"	310.0
011-66-1	66"	65.5"	66.25"	*
011-72-1	72"	71.5"	72.25"	*
011-78-1	78"	77.5"	78.25"	*
011-84-1	84"	83.5"	84.25"	*
011-90-1	90"	89.5"	90.25"	*
011-96-1	96"	95.5"	96.25"	*

\* Special order. Consult Factory.

Bypass and vent ports standard.

### MEDIUM PRESSURE ROLL-UP

Braced pressure 100 PSI (air in plug)

PART #	FOR PIPE SIZE	MIN. PIPE DIA.	MAX. PIPE DIA.	UNIT WEIGHT (lbs.)
040-04-1	4"	3.8"	4.25"	5.0
040-06-1	6"	5.5"	6.25"	11.0
040-08-1	8"	7.0"	8.25"	14.0
040-10-1	10"	9.0"	10.25"	29.0
040-12-1	12"	11.0"	12.25"	37.0
040-14-1	14"	13.0"	14.25"	45.0
040-15-1	15"	14.0"	15.25"	45.0
040-16-1	16"	15.0"	16.25"	52.0
040-18-1	18"	17.0"	18.25"	64.0
040-20-1	20"	19.0"	20.25"	80.0
040-21-1	21"	20.0"	21.25"	95.0
040-24-1	24"	23.0"	24.25"	130.0
040-27-1	27"	26.0"	27.25"	175.0
040-30-1	30"	29.0"	30.25"	200.0
040-33-1	33"	32.0"	33.25"	250.0
040-36-1	36"	35.0"	36.25"	285.0
040-39-1	39"	38.0"	39.25"	340.0
040-42-1	42"	41.0"	42.25"	370.0
040-45-1	45"	44.0"	45.25"	400.0
040-48-1	48"	47.0"	48.25"	470.0
040-54-1	54"	53.0"	54.25"	540.0
040-60-1	60"	59.0"	60.25"	600.0
040-66-1	66"	65.0"	66.25"	*
040-72-1	72"	71.0"	72.25"	*
040-78-1	78"	77.0"	78.25"	*
040-84-1	84"	83.0"	84.25"	*
040-90-1	90"	89.0"	90.25"	*
040-96-1	96"	95.0"	96.25"	*

\* Special order. Consult Factory.

# BAG PLUGS

## 2" to 72"



**Bag Plug Pressure:**  
(very low pressure gas test)

**BB:** 1/4 lb.

**BC:** 2 to 8 - lb.

9 to 12 - 3/4 lb.

12 to 24 - 1/2 lb.

25 up - 1/4 lb.

**Larger sizes and Nitrile Bladders**  
available upon request.

PART #	SIZE	UNIT
TYPE "BC"	GUM RUBBER BLADDER	WEIGHT
BAG	W/POLYESTER COVER	(lbs.)

BC102	2 INCH	.05
BC103	3 INCH	.05
BC104	4 INCH	1.0
BC106	6 INCH	1.2
BC108	8 INCH	1.5
BC110	10 INCH	2.0
BC112	12 INCH	3.0
BC114	14 INCH	4.0
BC116	16 INCH	5.0
BC118	18 INCH	6.0
BC120	20 INCH	7.0
BC122	22 INCH	8.0
BC124	24 INCH	8.5
BC126	26 INCH	10
BC128	28 INCH	12
BC130	30 INCH	19
BC132	32 INCH	25
BC136	36 INCH	32
BC142	42 INCH	36
BC148	48 INCH	43

# QWIK-FIT CYLINDER PLUGS



The Qwik-Fit Cylinder Plug is an inflatable plug with a rugged polyester cover which may be inflated to a high internal pressure to hold against as much as ten pounds of pressure in the pipe.

Qwik-Fit Cylinder Plugs should be inflated to the pressure given on the card fastened to each plug. These pressures are listed below.

PART NO.	NOMINAL SIZE	MAX. INFL. PRESSURE
QC02.00	2 IN.	15 LBS.
QC03.00	3 IN.	15 LBS.
QC04.00	4 IN.	15 LBS.
QC06.00	6 IN.	15 LBS.
QC08.00	8 IN.	12 LBS.
QC10.00	10 IN.	10 LBS.
QC12.00	12 IN.	8 LBS.
QC14.00	14 IN.	6 LBS.
QC16.00	16 IN.	6 LBS.
QC18.00	18 IN.	5 LBS.
QC20.00	20 IN.	5 LBS.
QC22.00	22 IN.	5 LBS.
QC24.00	24 IN.	3 LBS.
QC30.00	30 IN.	3 LBS.
QC36.00	36 IN.	3 LBS.

Cylinder Plugs inflated according to these directions will hold against a pipe pressure equal to about 60% of the pressure in the bag.

Use a gauge and monitor this pressure.

**FROM THE MAKERS  
OF QWIK-FREEZER®  
- THE ORIGINAL U.S.  
PORTABLE PIPE FREEZING  
MANUFACTURER.**

## REQUIRED PIPE OPENING PLUG SIZE REQUIRED OPENING

3" AND UNDER	1"
4" *5"	1 1/4"
6" *7"	1 1/2"
8" 10"	2"
12" 14"	2 1/2"
*15" 18"	3"
20" 24"	4"
30" 36"	5"
42" 48"	6"

\* Indicates special order size. Call for information.

Custom sizes and applications made.  
And much, much more . . .



## Custom Manufactured Plugs available from **COB Industries, Inc.**

COB Industries, Inc. is offering and producing more custom-manufactured plugs than ever before. This is a growing section of the Pipe Plug products that COB Industries has been offering for over 30 years. More and more customers are having customized plugs built to address requirements associated with specific applications. These include self-restraining plugs to fit almost any size pipe, with pressure capabilities up to 250 PSI or more. Plugs are available with either mechanical or inflatable seals.

COB Industries has the unique ability to produce these plugs within a short period of time to meet almost any specific requirements including various sizes and pressure capabilities. These plugs have been used with great success by some of the largest builders and contractors in the U.S. and around the world, often produced to provide solutions for urgent situations in a short period of time.

No matter what the details of the application or the logistics involved, chances are that COB Industries can provide the best possible solution. Normal delivery for custom plugs is around 2 weeks, but rush jobs can be completed in as little as 48 hours.

