



# INFLATABLE PIPE PLUGS

**Make your construction job easier.**



**DACHENG**  
Rubber Company

[www.marineairbags.com](http://www.marineairbags.com)





## ABOUT COMPANY

Dacheng Rubber Company has over 20 years experience in research, design and manufacture of inflatable pipe plugs. Dacheng has advanced equipment and skilled workers to produce super high quality inflatable pipe plugs to suit the needs of customers. Besides, we have specialized laboratory which is used to check and test the products to ensure that they are qualified.

Behind every Dacheng product is a team of knowledgeable sales persons and technical support, they are eager to serve you with proud. Contact us without hesitation if you have any question.

### OUR PRODUCTS

**Dacheng Inflatable Pipe plugs** are used for testing and repairing of water, oil and air pipes with different materials such as concrete, steel, plastic, etc.

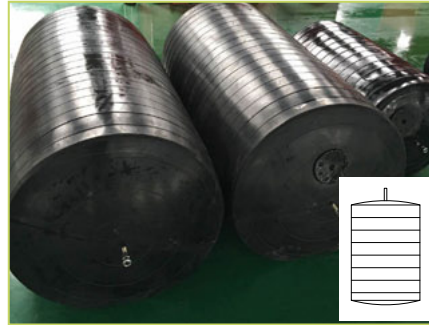


High quality natural rubber  
NBR with canvas.

Multi-size Plugs: DN50 to DN1250 mm.  
Single-size Plugs: DN50 to DN3600 mm.

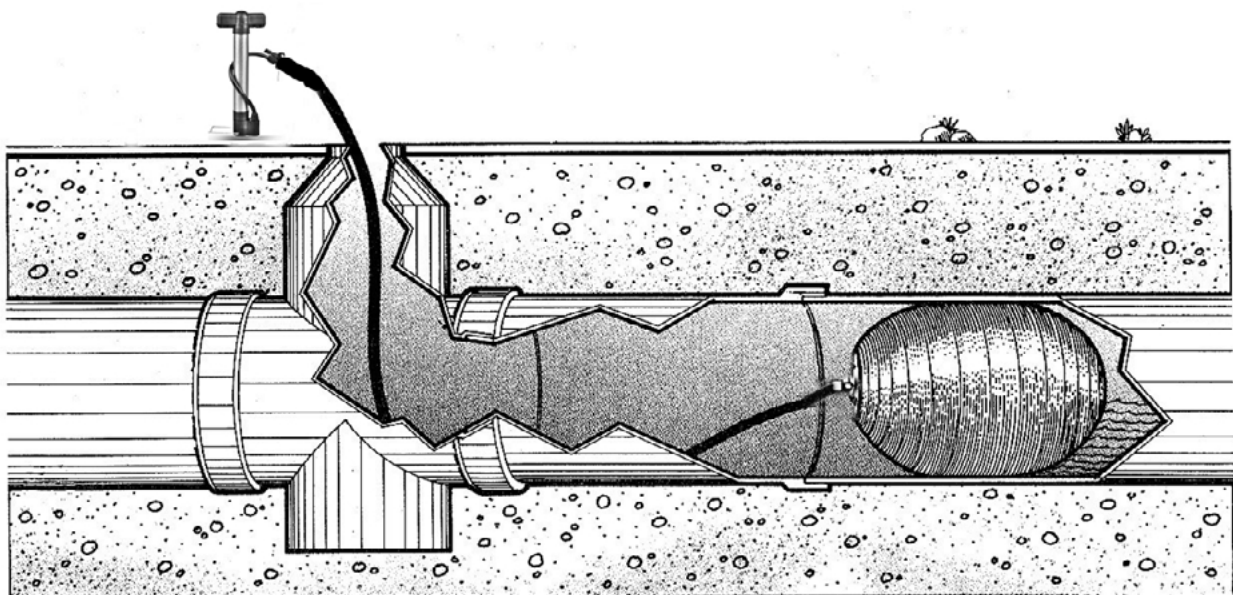


## Customer Design Is Always Available!



### INFLATABLE PIPE PLUGS FEATURES

- Practically economy. It could be used in cast iron pipeline plug, glass fiber reinforced plastics pipeline plug, PVC, PPR pipeline plug, double wall spiral pipeline plug and so on.
- Service for plugging, and leak hunting.
- Cylindrical type. It is easy to stuff the pipeline and it has good plugging effect.
- Decay resistance.
- Light weight and convenient to take.
- Easy to construct.





**Inflatable pipe plugs specification**

Type	Min. pipe diameter	Max. pipe diameter	Product length	Back pressure
	mm	mm	mm	bar
DN5070	50	70	116	0.5 - 1.4
DN75110	75	110	136	0.5 - 1.1
DN100150	100	150	170	0.5 - 1.2
DN150200	150	200	220	0.5 - 1.1
DN250300	250	300	370	0.5 - 1.0
DN300350	300	350	400	0.5 - 1.0
DN350400	350	400	450	0.5 - 0.9
DN380600	380	600	800	0.3 - 0.6
DN580780	580	780	1000	0.3 - 0.55
DN7801250	780	1250	1370	0.3 - 0.5

**Table of inflation pressure (bar)**

Pipe dia. (mm)	Inflatable pipe plug size range (mm)									
	5070	75110	100150	150200	250300	300350	350400	380600	580780	7801250
50	1.4									
75		1.1								
100		0.9	1.2							
125			1.1							
150			1.0	1.1						
200				1.0						
250					1.0					
300					0.9	1.0				
350						0.9	0.8			
400							0.7	0.5		
500								0.47		
600								0.3	0.52	
700									0.45	
800										0.45
1000										0.35
1100										0.3
1200										0.25





## WHERE CAN THE PIPE PLUGS BE USED ?

- Leak testing of new pipe lines.
- Leak detection by pressure of repairs to pipelines.
- Municipal testing of sewage pipelines.
- Stopping flow in a pipeline for maintenance or repair down stream.
- Pipeline acceptance testing, or to stop flow so that infiltration of a section can be measured.



## ACCESSORIES



Digital Pressure Gauges



Air Hose



Hand Pump



Air Compressor



Nylon Rope with Carabiner



## OPERATION STEPS OF USING THE INFLATABLE PIPE PLUGS

- 1.** Measure the height of the water in the pipe first when the plugs will be used for testing the pipe of house.
- 2.** Calculate the back pressure first while the plugs will be used for repairing or testing the underground pipelines.
- 3.** Select the correct inflatable plugs according to the pipe inner diameter, pressure and chemical requirements. Such as the material of rubber must be NBR when the plugs will be used in oil pipe.
- 4.** Before using the inflatable pipe plugs, please check and clean the inner wall of the pipe to ensure that the surface of the inner pipe is smooth.
- 5.** Connect the accessories and then put the inflatable pipe plug into the pipe completely. (Please choose the correct pressure gauge and please choose a long hose to keep the inflation gauge a safe distance from the inflatable pipe plugs.)
- 6.** Please read the inflatable pressure of inflatable pipe plugs, and never exceed the maximum the inflation pressure of the plug.
- 7.** Inflate the plug slowly and observe the pressure gauge.
- 8.** After finishing the work, please release the back pressure or equalize the pressure on the both sides of the plug before deflating.



## ABOUT STORAGE

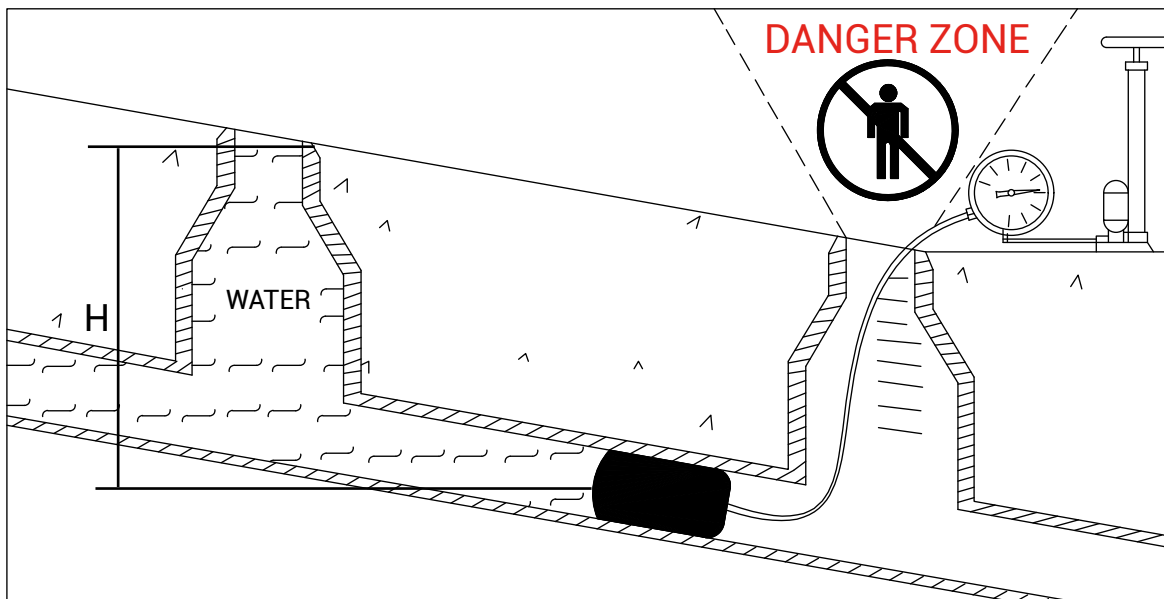
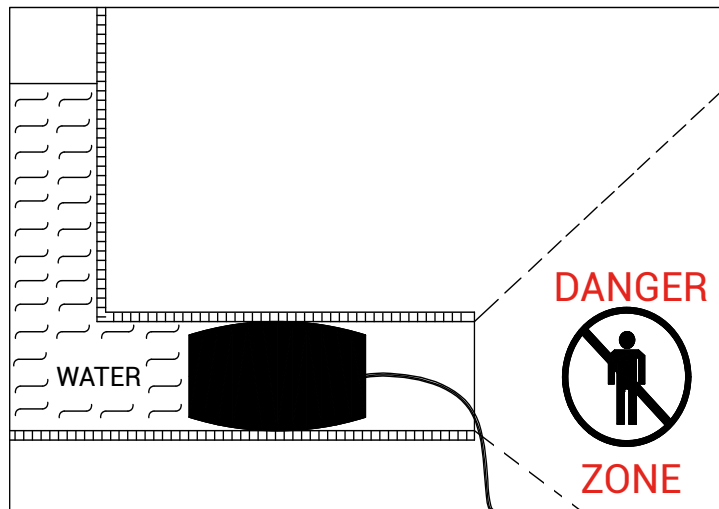
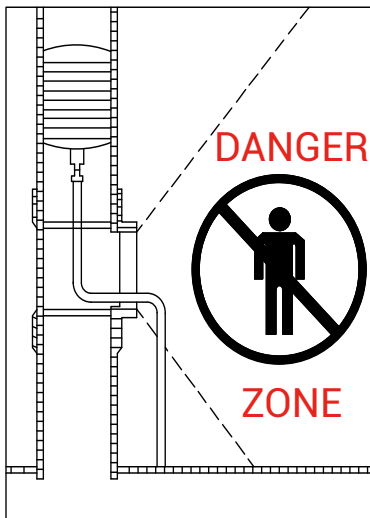
### ***Rubber pipe plug storage should follow the four points:***

- » If the pipe plugs are not used for a long time, they should be washed dry with inner charge, and the vouter should be coated with talc powder, then placed in the room that is dry, cool and ventilated.
- » Pipe plugs should be stretched flat, not be piled up, nor in the air bag heaped on the heavy pressure.
- » The storage place should be kept away from the heat source.
- » Pipe plug can't be in contact with acid, alkali, grease and organic solvent.



## NEVER ENTER THE DANGER ZONE

NEVER ENTER THE FORESEEABLE DANGER ZONE WHEN A INFLATABLE PIPE PLUG IS INFLATED EVEN IF NO BACK PRESSURE EXISTS IN THE PIPE! IF YOU OR ANYONE ELSE IS IN THE DANGER ZONE AND THE PLUG FAILS OR DISLODGES FOR ANY REASON, FAILURE TO HEED THIS WARNING MAY RESULT IN DEATH, SERIOUS BODILY INJURY AND/OR PROPERTY DAMAGE!



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