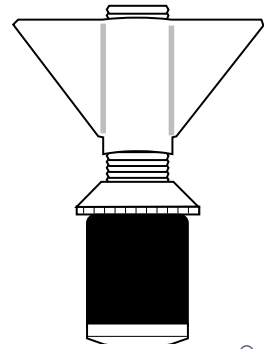


# Inflatable Stoppers Cylindrical



HFT PIPESTOPPERS®

**AN EASY WAY TO STOP THE FLOW OF GAS OR LIQUID  
ALONG A PIPE OR DUCT, FOR COLLECTION OF DEBRIS AND  
TO PREVENT INGRESS OF UNWANTED MATERIAL OR ANIMALS**



HFT® Cylindrical Inflatable Stoppers are for line pipe applications where their great advantage of having a longer length than the diameter, prevents them from tipping over and losing the seal.

They are commonly used for stopping off pipes particularly where access is difficult. They are frequently used for testing new pipes and drains.

All **Inflatable Stoppers** are manufactured with a strong internal inflatable bag made to the required shape and covered in waterproof sewn polyurethane coated nylon for low friction and to prevent the production of static electricity or accidental sparking.

The standard range of Inflatable Stoppers are available for immediate delivery with sizes ranging from 1 to 96" (25 to 2,438 mm) diameter.

## **MOST COMMONLY USED FOR**

- Construction site drain testing operations.
- Debris stopping during machining operations.
- Leak testing of pipework systems in commercial, domestic and industrial applications.
- Low pressure hydrostatic tests.
- On-site thermoforming of bends in ducting and conduit materials.
- Fibre-optic construction projects.
- Debris and animal barriers for overnight protection of pipelines.
- Plumbing operations.
- Reduction of weld purging volume when welding headers onto stainless steel tanks.

The HFT Pipestoppers® Division manufactures ranges of standard and non standard Inflatable Stoppers for pipes, ducts and other shaped orifices.

The range also includes, **Cylindrical, Specials** like **Oil Chem** models as well as **Heat Protected** Stoppers for use up to 300°C (572°F).

These versatile HFT Inflatable Stoppers are used to service a wide variety of industrial applications, including stopping, testing and weld purging to isolate volumes in tanks, to minimise gas purging volumes.

All Inflatable Stoppers are manufactured with a strong internal inflatable bag made to the required shape and covered in a suitable fabric to suit the application.

### INFLATABLE STOPPER HOLD BACK PRESSURE

#### A SIMPLE EXAMPLE:

A 4" nylon-covered Inflatable Stopper inflated to 10 Psi would withstand an upstream pressure, without danger of it sliding along the pipe, of 2.5 Psi in a normal cast iron pipe.

Size	Pressure Psi
1 - 6"	10
7 - 8"	8
9 - 10"	5
12 - 13"	4
18 - 30"	2
32 - 33"	1.5
36 - 42"	1
44 - 72"	0.5
80 - 96"	0.2

The standard range of HFT Pipestoppers® Inflatable Stoppers are available for immediate delivery in a variety of shapes and formats with sizes ranging from 1 to 96" (25 to 2,438 mm).

### HEALTH and SAFETY CONSIDERATIONS.

As the sizes of pipe increase, the weight of mechanical stoppers may involve a handling situation to be considered. Especially if the usage is at a height where personnel might be below.

The inflatable stoppers are light in weight, easy to transport and carry and pose little risk to any personnel below operations overhead.

### HEAT RESISTANT COVERS

Are available as an accessory for standard Inflatable Cylindrical and Spherical Stoppers.

For exposure to temperatures up to 300°C (572°F).

Manufactured to suit all sizes within the Standard Inflatable Stoppers range 1 tp 96" (25 to 2,438mm).



### TEST PLUGS

HFT Pipestoppers® also manufacture a range of expanding pipe plugs. **Expanding Test Plugs** form a positive seal between surfaces and achieve an air and water-tight seal. Aluminium plugs conform to ISO Standards and British Standard BS 8005 for low pressure testing and sealing of pipes.



## HFT PIPESTOPPERS®

### Product Range of HFT Pipestoppers® Division:

- Mechanical Nylon, Aluminium and Steel Plugs
- Standard Sealing rings made from natural rubber with accessory alternative rings available manufactured from Silicone, Viton and Nitrile rubbers
- Inflatable Cylindrical, Spherical, Low Profile and PetroChem Stoppers
- Heat Resistant Covers
- Ice Plugs with Accu-Freeze™ and Qwik Freezer™