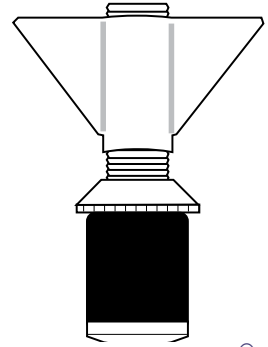


Inflatable Stoppers Spherical



HFT PIPESTOPPERS®

**SPHERICAL STOPPERS, WHEN DEFLATED, CAN BE PASSED THROUGH
RELATIVELY SMALL HOLES IN PIPES.**

**THIS ALLOWS THEM TO BE USED FOR MANY APPLICATIONS
WHERE ACCESS TO THE JOB SITE IS DIFFICULT.**



Since the position of the Inflatable Stopper in the pipe is not critical, it can be put at any angle.

This is particularly useful when inserting into a small opening at the top of a pipe rather than at the end of the pipe. No high pressure equipment is needed for inflation.

MOST COMMONLY USED FOR:

- Applications where only small entry ports are available.
- Isolating openings from environmental contamination
- Sealing pipes and ducts during washing of factories and larger plants or products.
- Emergency plugging or isolation of drainage points and sumps from spills.
- Sealing in pipes and ducts that are not to size.
- For difficult to access voids or spaces.
- Closing off pipes to be kept clean during maintenance.
- Weld purging of closing welds where a small retrieval port is available.

SPECIFICATIONS:

The standard range of HFT Pipestoppers® Inflatable Stoppers is available for immediate delivery in a variety of shapes and formats with sizes ranging from 1 to 96" (25 to 2,440 mm). Inflatable Stoppers have a 1.3 m hose length, 8 mm ID, 14 mm OD and are fitted with a standard Schrader valve.

It is generally accepted that the pressure which an Inflatable Stopper will hold back depends on five factors.

1. The surface of the pipe into which the Inflatable Stopper is to be inserted.
2. The friction resistance of the Inflatable Stopper cover material.
3. The total area of contact between the Inflatable Stopper and pipe.
4. Whether or not the Inflatable Stopper is supported.
5. The pressure inside the Inflatable Stopper itself.

HFT PIPESTOPPERS®

OTHER PIPESTOPPERS PRODUCTS

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 RUBBER PLUGS

- To suit 1.5" to 78" (35 mm – 2,000 mm).
- Suitable for use in petrochemical applications, as well as many others.
- Ideal for fast, reliable and safe stopping and blocking of pipes, joints, channels, inlets.
- Manufactured from high quality rubber, comprising a mix of styrene, butadiene and isoprene.
- Flexible.
- Easy installation.
- Takes only seconds to fully inflate.
- Lightweight.
- Easy removal.
- Resistant from -40 to 70°C.
- High resistance against oils, hydrocarbons, petrochemicals.
- Tough, durable and have a long-life.
- Quick disconnect fittings.
- Temporary or long term use.
- Easy to handle.
- Each plug covers a range of sizes.

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 to 96" (25 to 2,440mm).



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™