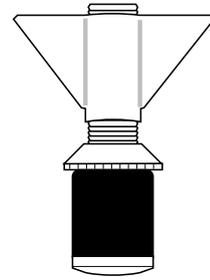


HFT Pipestoppers® INFLATABLE STOPPERS AND TEST PLUGS



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



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The **HFT Pipestoppers® Division** of Huntingdon Fusion Techniques HFT® manufactures a range of standard as well as non-standard Inflatable Stoppers for pipes, ducts and other shaped orifices.

The range includes **Spherical, Cylindrical, Rectilinear** and **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.

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 waterproof sewn polyurethane coated nylon for low friction and to prevent the production of static electricity or accidental sparking.

Most commonly used for:

- 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.

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 2440 mm).

HFT PIPESTOPPERS®

DESCRIPTION

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

SPHERICAL Inflatable Stoppers give less contact area than the cylindrical version, but are very useful where access is limited. 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.

SQUARE/RECTANGULAR Inflatable Stoppers have various applications specifically in air conditioning systems, air ducting and venting.



Example of a Rectangular Inflatable Stopper



Inflatable Debris Stoppers



Tyre Type Raft Style Stoppers

SPECIFICATIONS

1 to 24" (25 to 600 mm) Inflatable Stoppers have a 1.4 m hose length, 10 mm ID, 12 mm OD and are fitted with a standard plastic valve with a 1/4" BSP connection.

25 to 96" (650 to 2440 mm) Inflatable Stoppers have a 2 m hose length, 10 mm ID, 12 mm OD and are fitted with a metal ball valve with a 1/4" BSP connection.

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.

A simple example: A 4" nylon-covered Inflatable Stopper inflated to 10 psi would withhold 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

HFT PIPESTOPPERS®

Our Product Range:

Argweld® Inflatable Pipe Weld Purge Systems
 Argweld® PurgEye® Weld Purge Monitors® (100 to 600)
 Argweld® Water Soluble Weld Purge Film and Weld Purge Super Adhesive™
 Argweld® Weld Trailing Shields™
 Argweld® Weld Backing Tape™ & Weld Purge Tape™
 Argweld® Flexible Welding Enclosures™
 Argweld® Weld Purging Plugs™ & Orbital Welding Plugs
 Techweld™ MultiStrike® Tungsten Electrodes
 HFT Pipestoppers® Pipe Plugs & Stoppers, Nylon, Aluminium & Steel
 HFT Pipestoppers® Inflatable Stoppers