



# HFT PIPESTOPPERS®

## Inflatable PetroChem® Stoppers



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

The total range includes **Spherical and Cylindrical** versions as well as **Heat Protected** stoppers for use up to 300°C (572°F).

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

Suitable for use in petrochemical applications where hydrocarbons are present in gas or liquid form.

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.

From 1" to 44" diameter (25 - 1,118 MM).

These versatile HFT® Inflatable Stoppers are used to service a wide variety of petrochemical and industrial applications such as:

- All petrochemical operations where hydrocarbons are present in liquid and gas form.
- Debris stopping during machining operations where pipes have had hydrocarbon liquids or solids inside.
- Leak testing of pipework systems where pipes have had hydrocarbon liquids or solids inside.
- Low pressure hydrostatic tests where pipes have had hydrocarbon liquids or solids inside.
- On-site thermoforming of bends in ducting and conduit materials.
- Fibre-optic construction projects.
- Debris and animal barriers for overnight protection of pipelines where pipes have had hydrocarbon liquids or solids inside.
- 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 2,440 mm).

## DESCRIPTION

Standard PetroChem® Cylindrical Inflatable Stoppers are commonly used for stopping off pipes with hydrocarbon gases and liquids inside where the inner membrane of the stopper protects the inflatable latex bag inside that.

Spherical PetroChem® 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.



## Spherical Inflatable Petrochemical Resistant Stoppers

### SPECIFICATIONS

1" to 44" (25 to 1,118 mm) Inflatable Stoppers have a 1.3m 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®

### Product Range of HFT Pipestoppers® Division:

Pipestoppers® Expandable Nylon Pipe Plugs  
Pipestoppers® Weld Purge Plugs™ & Orbital Welding Purge Plug Kits  
Pipestoppers® Expandable Aluminium Plugs  
Pipestoppers® Expandable Steel Plugs  
Pipestoppers® Spherical, Cylindrical and PetroChem™ Inflatable Stoppers  
Pipestoppers® Inflatable Low Profile Stoppers and Rubber Plugs  
Pipestoppers® Accu-Freezer™ & Qwik-Freezer™ ice plug makers

### Our HFT® Weld Purging Products

Argweld® PurgEye® Weld Purge Monitors®, Argweld® Inflatable Tube, Pipe & Pipeline Weld Purging Systems, Argweld® Weld Purge Accessories, Techweld® MultiStrike® Tungsten Electrodes