



# HFT PIPESTOPPERS®

## Inflatable Rubber Pipe Plugs



The Pipestoppers® Division of Huntingdon Fusion Techniques HFT's Inflatable **Rubber Plugs** cover a range from 2" - 78" (51 to 1,981 mm), each having a wide degree of flexibility in diameter (see chart overleaf). They can withstand a temperature from -40 to +70°C, suitable for use in petrochemical applications, as well as many others, some of which are shown in the next column.

These standard devices can be inflated quickly to sealing and working pressure and are resistant to most hydrocarbon gases and fluids.

Inflatable Rubber Plugs are ideal for fast, reliable and safe stopping and blocking of pipes, joints, channels, inlets and a number of other uses.

### **SIZES AVAILABLE:**

To suit 2" - 78" (51 to 1,981 mm).

### **USAGE and APPLICATION:**

Inflatable Rubber Pipe Plugs are used during new pipeline installation or for carrying out routine maintenance and repairs.

They seal off sections of a pipe quickly, safely and are very simple to use.

Inflation can be carried out almost instantly with a compressor.

**OTHER USES:**

- Blocking pipes, tubes, dams, inlets, storage tanks, manholes and channels.
- For use in water, sewage, fluid production (milk, beer, chemicals), petrochemical, pharmaceutical, gas pipeline systems.
- Restricting, diverting and bypassing flow during pipeline maintenance or modification.
- Keeping pipeline free of dirt and contaminants by capping and blocking the ends.
- Can be floated down pipes and stopped at a desired location.

**MATERIAL:**

The plugs are manufactured from high quality rubber, comprising a mix of styrene, butadiene and isoprene.

**KEY FEATURES:**

- 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 (see chart below).
- Plugs can be manufactured with a 3 bar working pressure if required.
- Solid stoppers or with by-pass facility.

Part No	Nominal size range		Working pressure bar	Back (Working) pressure tolerance bar	Deflated Diameter mm	Product Length mm	Weight kg
	min	max					
RPP3570	35	70	2.5	2.0	33	300	0.3
RPP5010	50	100	2.5	2.0	45	330	0.4
RPP7015	70	150	2.5	3.0	64	375	0.6
RPP1020	100	200	2.5	1.5	88	550	1.15
RPP1530	150	300	2.5	1.5	138	550	2.1
RPP2040	200	400	2.5	1.5	155	650	3.1
RPP3060	300	600	2.5	1.5	285	850	9.5
RRP5100	500	1000	2.5	1.6	486	1150	26.5
RRP6012	600	1200	2.5	1.5	586	1300	35

All plugs are tested at 3x times their working pressure for safety and durability.

	35 - 70	50 - 100	70 - 150	100 - 200	150 - 300	200 - 400	300 - 600	500 - 1000	600 - 1200
Max. working pressure (3bar)									
Pipe diameter	Max. back pressure of water bar								
35	2.0								
50	1.9	2.0							
70	1.8	1.9	3.0						
100		1.8	1.9	1.5					
150			1.8	1.1	1.5				
200				0.8	1.1	1.5			
300					0.8	1.3	1.5		
400						0.8	1.3	1.6	
500							1.1	1.5	1.5
600							0.8	1.4	1.4
700								1.3	1.3
800								1.2	1.2
900								1.1	1.1
1000								1.0	1.0
1200									0.9

## MULTI SIZE FLEXIBLE PIPE TEST PLUG:

The plugs can be easily installed at an angle through the side tap to the main pipe and so allow to make an effective seal inside.

They are used for testing of sealing by air or water.

Resistant to the environment, temperature range from -40 to 70°C.

Standard series of plugs can be made in a range of diameters from 50 mm to 2,000 mm.



Part No	Nominal size range		Working pressure bar	Deflated Diameter mm	Product Length mm	BYPASS diameter inch	Weight kg
	min	max					
RPP5010-15-1	50	100	1.5	45	330	1/4	1.2
RPP5010-25-1	50	100	2.5	45	330	1/4	1.2
RPP7015-15-1	70	150	1.5	64	400	1/2	1.5
RPP7015-15-2	70	150	1.5	64	400	2 x 1/4	1.5
RPP7015-25-1	70	150	2.5	64	400	1/2	1.5
RPP7015-25-2	70	150	2.5	64	400	2 x 1/4	1.5
RPP1020-15-1	100	200	1.5	88	500	1	2.6
RPP1020-15-2	100	200	1.5	88	500	2 x 1/4	2.6
RPP1020-25-1	100	200	2.5	88	500	1	2.6
RPP1020-25-2	100	200	2.5	88	500	2 x 1/4	2.6
RPP1530-15-1	150	300	1.5	138	580	2	4.5
RPP1530-15-2	150	300	1.5	138	580	2 x 1	3.5
RPP1530-25-1	150	300	2.5	138	580	2	4.5
RPP1530-25-2	150	300	2.5	138	580	2 x 1	3.5
RPP2040-15-1	200	400	1.5	185	680	2	8.5
RPP2040-15-2	200	400	1.5	185	680	2 x 1	8.5
RPP2040-25-1	200	400	2.5	185	680	2	8.5
RPP2040-25-2	200	400	2.5	185	680	2 x 1	8.5
RPP2050-15-4	200	500	1.5	185	820	2	9.5
RPP3060-15-1	300	600	1.5	285	820	2	15.2
RPP3060-15-2	300	600	1.5	285	820	2 x 2	18.5
RPP3060-15-3	300	600	1.5	285	850	1 x 3	18.5
RPP3060-25-1	300	600	2.5	285	820	2	15.2
RPP3060-25-2	300	600	2.5	285	820	2 x 2	18.5
RPP3060-25-3	300	600	2.5	285	850	1 x 3	18.5

Part No	Nominal size range		Working pressure bar	Deflated Diameter mm	Length mm	BYPASS diameter inch	Weight kg
	min	max					
RPP3775-15-1	375	750	1.5	360	1000	2	29.5
RPP3775-15-2	375	750	1.5	360	1000	2 x 2	35.2
RPP3775-15-3	375	750	1.5	360	1000	3	35
RPP3775-25-1	375	750	2.5	360	1000	2	29.5
RPP3775-25-2	375	750	2.5	360	1000	2 x 2	35.2
RPP3775-25-3	375	750	2.5	360	1000	3	35
RRP5010-15-1	500	1000	1.5	485	1200	2	42
RRP5010-15-2	500	1000	1.5	485	1200	2 x 2	52
RRP5010-15-4	500	1000	1.5	485	1200	4	55
RRP5010-25-1	500	1000	2.5	485	1200	2	42
RRP5010-25-2	500	1000	2.5	485	1200	2 x 2	52
RRP5010-25-4	500	1000	2.5	485	1200	4	55
RRP5012-15-4	500	1200	1.5	490	1700	4	45
RRP6012-15-1	600	1200	1.5	585	1400	2	50
RRP6012-15-2	600	1200	1.5	585	1400	2 x 2	61
RRP6012-15-3	600	1200	1.5	585	1400	4	66
RRP6012-25-1	600	1200	2.5	585	1400	2	50
RRP6012-25-2	600	1200	2.5	585	1400	2 x 2	61
RRP6016-15-4	600	1600	1.5	590	1900	4	57
RRP8020-15-1	800	2000	1.5	790	3000	4	120



## 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