

**Test Plugs and Inflatable Air Bags suitable for all types of Pipes in the Construction, Civil Engineering, Water, Sewerage, Gas, Oil, Chemicals, Petrochemicals, Food Processing, Pollution Control, Telecommunications, Agriculture, Ship Repair, Mining and Quarrying. Manual Drain Cleaning Equipment and Pipe Tracing Dye.**



# Horobin Tool Catalogue

1. Steel Test Plugs, Central Wingnut Tightening – 18mm up to 450mm
2. Aluminium Test Plugs, Central Wingnut Tightening – 40mm up to 900mm
3. Super Nylon Test Plugs – 18mm up to 150mm
4. End of Pipe Testing/Sealing Plugs – 50mm up to 250mm
5. **MDPE/HDPE Test Plugs for Pressure Testing to 6bar**
6. Multi-lock Steel Test Plugs – 450mm up to 3,000mm
7. **Steel Test Plugs with Pneumatic Seals – 200mm up to 2,000mm**
8. **Inflatable PVC Sealing & Testing Bags – 25mm up to 450mm**
9. Canvas Inflatable Air Bags – 50mm up to 4,000mm
10. **ATO Inflatable Air Bags for Air Testing – 300mm up to 2,000mm**
11. **High Pressure Inflatable Pipe Stoppers – 70mm up to 2,000mm**
12. **Socket Testing Devices for Pressure Testing Sockets in Concrete Pipes**
13. Drain Testing Kits for carrying out Air Pressure Tests to BS.8005/ EN1610
14. Pipe Tracing Dye
15. High Pressure Testing Plugs – 6bar+
16. High Pressure Testing Plug – 20bar+
17. 'Drain Clear' Set
18. Polypropylene Rods and Tools for up to 30m Drain Runs
19. Lockfast Steel Rods and Tools for up to 1km Drain Runs
20. **Steel Test Plugs – Datasheet**
21. **Aluminium Test Plugs – Datasheet**
22. **MDPE Test Plugs and Super Nylon Test Plugs – Datasheets**
23. **Inflatable PVC Air Bags, and Canvas Air Bags – Datasheets**
24. **Multi-lock Steel Test Plugs – Datasheets**
25. **Steel Test Plugs with Pneumatic Seals - Datasheets**
26. **High Pressure Inflatable Pipe Stoppers - Datasheets**

**April 2009**

**Contact our Sales Department on :-**

Telephone : 00 44 1902 60 40 60  
Fax No : 00 44 1902 60 33 66  
Email : [sales@horobin.co.uk](mailto:sales@horobin.co.uk)  
Web Site : [www.horobin.co.uk](http://www.horobin.co.uk)  
Address : Horobin Limited, Midacre, Willenhall Trading Estate, Willenhall  
WV13 2JW, UK



## Steel Test Plugs



- Available from 40mm up to 450mm diameter.
- Chemical resistant Seals can be supplied to order.
- "Double Seal" plugs can be supplied to order.
- Thrustwashers fitted as standard on all sizes.
- Zinc plated – corrosion resistant to 90 hours salt spray test.
- Combines the economy of price with the strength of steel.
- Carries the Horobin name – quality guaranteed.
- Nominal pipe sizes, minimum and maximum pipe diameters each Plug will fit, maximum test pressure, and weight of Plug are available on our Web Site.

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## Aluminium Test Plugs



- Available from 40mm up to 900mm diameter.
- Aluminium plates combine strength with lightness.
- Thrustwashers fitted as standard on all sizes.
- Chemical resistant Seals can be supplied to order.
- “Double Seal” plugs can be supplied to order.
- Steel components are zinc plated to 90 hours salt spray test.
- Carries the Horobin name – quality guaranteed.
- Nominal pipe sizes, minimum and maximum pipe diameters each Plug will fit, maximum test pressure, and weight of Plug are available on our Web Site.

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## Super Nylon Testing Plugs



- Available from 18mm up to 150mm diameter.
- Superior design – easier to use.
- Can be used for testing up to 7p.s.i.
- Designed to fit Telecommunication Ducts for temporary sealing to prevent ingress of vermin and sand.
- Easy to sterilise so can be used in Hospitals, Food Processing Plants etc.
- Carries the Horobin name – quality guaranteed.
- Nominal pipe sizes, minimum and maximum pipe diameters each Plug will fit, maximum test pressure, and weight of Plug are available on our Web Site.

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## End of Pipe Testing/Sealing Plugs



- For temporary sealing of new pipework on construction sites.
- Easier to use than traditional Test Plugs – fit flush onto the end of the pipe.
- Available from 50mm up to 250mm diameter.
- Can be supplied with or without a Waterway/Airway.
- Zinc plated – corrosion resistant to 90 hours salt spray test.
- Carries the Horobin name – quality guaranteed.
- Nominal pipe sizes, minimum and maximum pipe diameters each Plug will fit, maximum test pressure, and weight of Plug are available on our Web Site.

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## MDPE/HDPE Test Plugs for Pressure Testing to 6bar



- Available for Pipe Sizes from 25mm up to 75mm outside diameter.
- For use with small bore copper, steel or MDPE/HDPE piping.
- Suitable for Pressure Testing up to 6bar.
- Suitable also for telecommunications, refrigeration, air conditioning, heating, process plant and food manufacturing.
- "Double Seal" plugs can be supplied to order.
- Steel components are zinc plated to 90 hours salt spray test.
- Carries the Horobin name – quality guaranteed.
- Nominal pipe sizes, minimum and maximum pipe diameters each Plug will fit, maximum test pressure, and weight of Plug are available on our Web Site.

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## Steel Test Plugs (Type 920) with Pneumatic Seals



- Multiple compression points around the perimeter of the plug enable the seal to expand in localised areas.
- Strength where it matters – at the compression point.
- Steel components are painted against corrosion.
- The Plugs are fitted with handle bars, to make it easier to locate the plug in the pipe.
- Can be supplied with twin outlets – lower outlet allows complete emptying of water from the drain before removal of the plug.
- Chemical resistant Seals can be supplied to order.
- “Double Seal” plugs supplied as standard.

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## Multi-lock Steel Test Plugs 450mm to 3000mm



- Multiple compression points around the perimeter of the plug enable the seal to expand in localised areas.
- Strength where it matters – at the compression point.
- Steel components are aluminium coated against corrosion.
- The Plugs are fitted with handle bars, to make it easier to locate the plug in the pipe.
- Can be supplied with twin outlets – lower outlet allows complete emptying of water from the drain before removal of the plug.
- Chemical resistant Seals can be supplied to order.
- “Double Seal” plugs can be supplied to order.
- “Instructions for use” label on each plug.
- Nominal pipe sizes, minimum and maximum pipe diameters each Plug will fit, maximum test pressure, and weight of Plug are available on our Web Site.

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## Inflatable PVC Sealing & Testing Bags



- Ideal for use in all types of Plastic Pipe – the ridges around the circumference of the Bag prevent the Bag slipping down the pipe. Also designed for use in vertical Soil Stacks.
- Range available for pipe diameters from 25mm to 450mm.
- Easily inflated for trouble free pipe sealing and testing.
- Ideal for use in areas where access is smaller than the test diameter.
- Extension hose available to facilitate remote sealing and testing.
- Nominal pipe sizes, minimum and maximum pipe diameters each Bag will fit, maximum test pressure, and weight of Bag are available on our Web Site.

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## Canvas Inflatable Air Bags



- The answer to a variety of pipe sealing problems in all Industries from Sewerage, Petrochemicals, Food Processing, Mining etc.
- The Cover is available in Canvas, Heavy Duty Nylon, or Polyurethane coated to resist Petrol, Oil and Diesel.
- Range available for pipe diameters from 50mm to 4,000mm.
- Ideal for use in areas where access is smaller than the test diameter. Can also be supplied with the Inflation Tube in the centre to block off either side of a T.
- Easily inflated for trouble free pipe sealing.
- Fitted either with a Schrader Valve, or Brass Air Tap. Larger sizes fitted with Ball Valve for inflating using a compressor.
- Can be fitted with a Pressure Gauge to prevent over inflation.
- Extension hose available to facilitate remote sealing.
- Nominal pipe sizes, minimum and maximum pipe diameters each Bag will fit, maximum test pressure, and weight of Plug are available on our Web Site.

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# A.T.O. Inflatable Pipe Stoppers for Air Testing of Sewers

**PATENT NO.GB2361283**  
**TRADE MARK NO.2299965**



All A.T.O. Inflatable Pipe Stoppers have test and blank ends.  
5mm thick closed-cell foam sealing surface.  
Car type valve for inflation.  
Pull tag for deflation.  
No removable parts.  
Hook and loop strap to attach U Gauge.



Position/pull out handle on 600mm and above.  
Nominal bore + or – 6mm.  
Size range from 300mm/12" to 1800mm/70".  
Manufactured and tested to BSI standard.

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## High Pressure Inflatable Pipe Stoppers



- Maximum Allowable Back Pressure 3.0 bar (30m head water) \*\*
- Maximum Inflation pressure 6.0 bar\*\*
- Wide expansion range will work in all types of pipe – 100mm up to 2,000mm
- Lightweight, most sizes can be installed by one man
- Reinforced Synthetic Rubber for maximum durability
- Available in Nitrile for Hydrocarbon applications
- Compressor inflation controller
- Specials sizes on request

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## Socket Testing Devices for Pressure Testing Sockets in Concrete Pipes



- Enables each individual Socket to be precisely tested. Dramatically reduces the amount of water required.
- Can be supplied in up to 3 sections for Sewers with limited access.
- Suitable for pressure testing drains and sewers to BS.8005 and EN1610.
- Fitted with Wheels so the Device can be easily pushed up the Sewer.
- Superior design and quality ensures ease of use.
- Extension Hoses allow for remote testing.
- We can supply portable Compressors and associated equipment.
- Horobin guaranteed quality.

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## Drain Testing Kits for carrying out Air Pressure Test to BS.8005/EN1610



- The complete answer for pressure testing drains and sewers of any diameter.
- HOROBIN™ "Drain test Kit" is the only complete kit on the market for pressure testing 100mm drains.
- Suitable for pressure testing drains and sewers to BS.8005 and EN1610.
- Superior design and quality ensures ease of use.
- High visual impact for "Point of Sale" display.
- Horobin guaranteed quality.

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## Pipe and Drain Tracing Dye



- Tracing Dyes are supplied in 200gram Poly-jars in a range of 6 colours – GREEN FLUORESCEINE, RED, BLUE, ORANGE, YELLOW & VIOLET .
- Tracing Dye is used for detecting the flow of water in drains or pipes, identifying individual drain runs into a common gully, and tracing leaks in pipes.
- Dyes are non-toxic and odourless. They are approved by the National rivers Authorities, Water Companies and Local Authorities.
- Green Dye contains 50% Fluorescence. The other colours are made from 100% food grade products.
- Use 5ml of Dye per 10 litres of cold water. The best method is to mix the Dye into a bucket of water, and then add to the flow of drain. A 200gram jar will trace up to 15,000 litres in chemical free water.

**NEW !** We now have a Tracing Dye which is safe to use with Fish. This Dye can be used to trace leakages from Drains, Sewers, Ponds, Reservoirs etc. Sold in 5 kilo drums, which will trace up to 0.5 million litres of fresh water. Mix 500 grams with 10 litres of clean Water.

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## High Pressure Testing Plug – 6bar+



- For Pressure Testing and Temporary Sealing of Water, Gas, Oil and Sewerage Pipes of any material.
- Ideal for Pressure Testing Sewerage Pipes in accordance with the new European Standard EN1610.
- Pressure Plates are made of aluminium. Rubber Seals are commercial grade rubber mouldings. Thrustwashers are fitted as standard on all sizes.
- Pressure Gauge can be fitted as an option.
- Chemical resistant rubber seals can be supplied

**Warning -** Appropriate bracing or support must be provided before applying any back pressure in order to prevent the risk of accident.

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## High Pressure Testing Plug – 20bar+



- For Pressure Testing and Temporary Sealing of Water, Gas, Oil and Sewerage Pipes of any material.
- Pressure Plates are made of steel. The Plugs are fitted with a Ball Bearing Race for ease of tightening. Rubber Seals are commercial grade rubber mouldings.
- Pressure Gauge can be fitted as an option.
- Chemical resistant rubber seals can be supplied

**Warning -** Appropriate bracing or support must be provided before applying any back pressure in order to prevent the risk of accident.

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## 'Drain Clear' Set



- Drain Clearance Set in a handy carrying case.
- Ideal for use with short drain runs up to 30m.
- Available with either Universal or Lockfast Fittings. The advantage of Lockfast Fittings is that they cannot come undone down the drain.
- Ready packed in a strong polypropylene carrying case.
- Set comprises of 30ft of rods, together with 100mm Plunger, Double Worm Screw and 100mm Drop Scraper.
- Horobin quality guaranteed.

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## Polypropylene Drain Rods & Tools



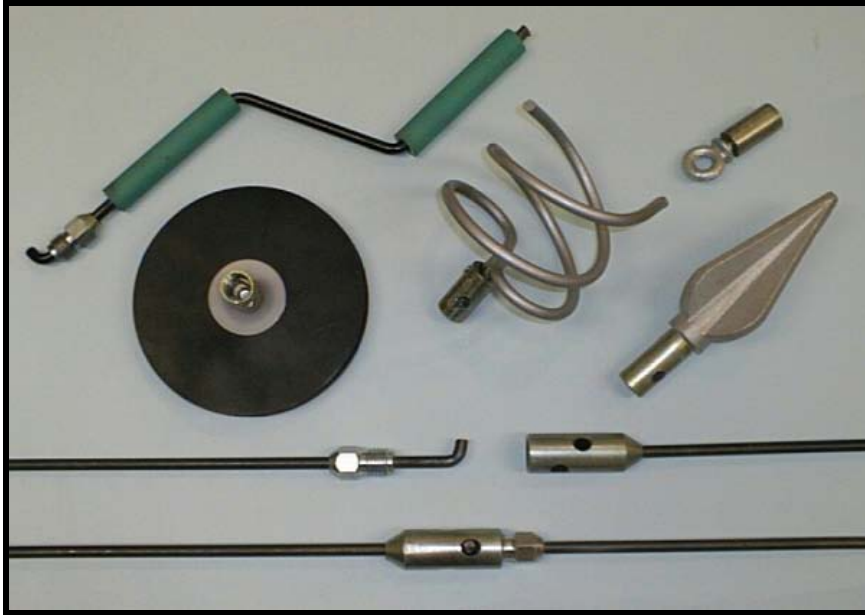
- Ideal for use with short drain runs up to 30m.
- Available with either Universal or Lockfast Fittings. The advantage of Lockfast Fittings is that they cannot come undone down the drain.
- Compatible with most other makes of Polypropylene and Cane Rods.
- A wide range of Tools are available such as Rubber Plungers, Worm Screws, Drop Scrapers, Drain and Chimney Brushes.
- Rods available in 19mm, 21mm & 25mm diameter. Lengths are 3ft, 1.5m & 2m.
- Horobin quality guaranteed.

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## Lockfast Steel Rods & Tools



- Ideal for use with long drain runs up to 1 km.
- Manufactured of high tensile steel, with a 2-way locking system which allows the Rods to be rotated both ways.
- Compatible with most other makes of Steel Rods.
- A wide range of Tools are available such as Rubber Plungers, Worm Screws, Drop Scrapers, Crown Root Cutters and Auger Root Cutters.
- Rods are available in 8mm and 10mm diameter. Lengths are 1m, 1.5m and 2m.
- Horobin quality guaranteed.

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## Steel Test Plugs – Datasheet

PART NO	PIPE SIZE INTERNAL		PLUG WILL FIT PIPES WITH		MINIMUM INSERTION INTO PIPE	OVERALL LENGTH OF PLUG	DIAMETER OF WATERWAY	MAXIMUM ALLOWABLE BACK PRESSURE	APPROX WEIGHT (kilos)
	NOMINAL DIAMETER		INTERNAL DIAMETER						
	METRIC	IMPERIAL	MINIMUM	MAXIMUM					
73011	40mm	1 1/2"	38mm	53mm	31mm	81.5mm	15mm	30p.s.i	0.11
73021	50mm	2"	50mm	62mm	32.7mm	82.8mm	15mm	30p.s.i	0.14
73031	65mm	2 1/2"	62mm	80mm	33.2mm	80.5mm	15mm	30p.s.i	0.21
73041	75mm	3"	73mm	92mm	34mm	80.5mm	15mm	20p.s.i	0.23
73051	90mm	3 1/2"	86mm	99mm	41mm	81mm	15mm	15p.s.i	0.34
73061	100mm	4"	94mm	110mm	37.5mm	83.3mm	15mm	10p.s.i	0.33
73071	115mm	4 1/2"	112mm	125mm	40mm	83.3mm	15mm	10p.s.i	0.50
73081	125mm	5"	124mm	140mm	37mm	83.3mm	15mm	10p.s.i	0.52
73091	150mm	6"	147mm	165mm	39.7mm	83.3mm	15mm	10p.s.i	0.69
73541	175mm	7"	172mm	200mm	46mm	130mm	25mm	7p.s.i	1.40
73551	200mm	8"	190mm	210mm	46mm	130mm	25mm	7p.s.i	1.40
73561	225mm	9"	214mm	234mm	58mm	150mm	25mm	7p.s.i	1.80
73571	250mm	10"	239mm	275mm	55mm	150mm	25mm	7p.s.i	2.55
	275mm	11"	240mm	282mm	55mm	210mm	25mm	7p.s.i	3.20
73581	300mm	12"	298mm	320mm	85mm	150mm	25mm	7p.s.i	3.34
	325mm	13"	290mm	345mm	85mm	210mm	25mm	7p.s.i	3.80
73591	350mm	14"	348mm	400mm	85mm	210mm	25mm	5p.s.i	6.67
73601	375mm	15"	370mm	425mm	100mm	210mm	25mm	5p.s.i	7.09
73611	400mm	16"	384mm	444mm	95mm	210mm	25mm	5p.s.i	7.66
73631	450mm	18"	450mm	500mm	100mm	220mm	50mm	5p.s.i	11.00

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# Aluminium Test Plugs – Datasheet

PART NO	PIPE SIZE INTERNAL		PLUG WILL FIT PIPES WITH		MINIMUM INSERTION INTO PIPE	OVERALL LENGTH OF PLUG	DIAMETER OF WATERWAY	MAXIMUM ALLOWABLE BACK PRESSURE	APPROX WEIGHT (kilos)
	NOMINAL DIAMETER		INTERNAL DIAMETER						
	METRIC	IMPERIAL	MINIMUM	MAXIMUM					
71011	40mm	1 1/2"	38mm	53mm	45mm	94mm	15mm	30p.s.i	0.15
71021	50mm	2"	49mm	63mm	43mm	90mm	15mm	30p.s.i	0.19
71031	65mm	2 1/2"	62mm	77mm	43mm	92mm	15mm	30p.s.i	0.24
71041	75mm	3"	72mm	89mm	43mm	94mm	15mm	20p.s.i	0.25
71051	90mm	3 1/2"	83.3mm	106mm	53mm	96mm	15mm	15p.s.i	0.34
71061	100mm	4"	97mm	114mm	47mm	94mm	15mm	10p.s.i	0.34
71071	115mm	4 1/2"	112mm	132mm	56mm	140mm	15mm	10p.s.i	0.51
71081	125mm	5"	124mm	142mm	60mm	95mm	15mm	10p.s.i	0.74
71091	150mm	6"	146mm	169mm	48mm	96mm	15mm	10p.s.i	0.67
72051	200mm	8"	190mm	222mm	64mm	100mm	25mm	7p.s.i	1.55
72061	225mm	9"	218mm	240mm	64mm	170mm	25mm	7p.s.i	1.98
72071	250mm	10"	248mm	272mm	73mm	178mm	25mm	7p.s.i	2.48
72075	275mm	11"	274mm	328mm	100mm	200mm	25mm	7p.s.i	3.54
72081	300mm	12"	296mm	330mm	77mm	200mm	25mm	7p.s.i	3.86
72090/1	325mm	13"	330mm	382mm	120mm	230mm	25mm	5p.s.i	4.97
72091	350mm	14"	350mm	406mm	110mm	215mm	25mm	5p.s.i	6.78
72101	375mm	15"	372mm	424mm	110mm	225mm	25mm	5p.s.i	5.50
72111	400mm	16"	390mm	445mm	110mm	225mm	25mm	5p.s.i	6.23
72131	450mm	18"	450mm	504mm	110mm	255mm	50mm	5p.s.i	9.00
72142	500mm	20"	500mm	556mm	145mm	255mm	50mm	5p.s.i	15.00
72151	525mm	21"	502mm	556mm	145mm	255mm	50mm	3p.s.i	16.00
72155	550mm	22"	535mm	578mm	145mm	255mm	50mm	3p.s.i	16.00
72162	600mm	24"	596mm	636mm	145mm	255mm	50mm	3p.s.i	17.00
72168	650mm	26"	635mm	690mm	145mm	255mm	50mm	3p.s.i	18.00
72182	700mm	28"	690mm	740mm	145mm	255mm	50mm	3p.s.i	19.00
72202	800mm	32"	785mm	835mm	145mm	255mm	50mm	3p.s.i	20.00
72242	900mm	36"	890mm	940mm	145mm	255mm	50mm	3p.s.i	22.00

**Contact our Sales Department on :-**

Telephone : 00 44 1902 60 40 60  
 Fax No : 00 44 1902 60 33 66  
 Email : [sales@horobin.co.uk](mailto:sales@horobin.co.uk)  
 Web Site : [www.horobin.co.uk](http://www.horobin.co.uk)  
 Address : Horobin Limited, Midacre, Willenhall Trading Estate, Willenhall  
 WV13 2JW, UK



## MDPE TEST PLUGS - SINGLE SEAL

PART NO	PIPE SIZE INTERNAL		PLUG WILL FIT PIPES WITH INTERNAL DIAMETER		MINIMUM INSERTION INTO PIPE	OVERALL LENGTH OF PLUG	DIAMETER OF WATERWAY	MAXIMUM ALLOWABLE BACK PRESSURE	APPROX WEIGHT (grams)
	NOMINAL DIAMETER		INTERNAL DIAMETER						
	METRIC	IMPERIAL	MINIMUM	MAXIMUM					
73811	12mm	1/2"	12.0mm	16.0mm	66mm	110mm	4mm	50p.s.i	40g
73821	19mm	3/4"	19mm	26.5mm	66mm	110mm	6mm	50p.s.i	50g
73831	25mm	1"	24.8mm	37.5mm	66mm	110mm	6mm	50p.s.i	70g
73841	32mm	1 1/4"	31mm	39.5mm	66mm	110mm	6mm	50p.s.i	90g
73851	40mm	1 1/2"	38mm	49.5mm	66mm	110mm	6mm	30p.s.l	130g
73861	50mm	2"	49.95mm	50.5mm	66mm	110mm	6mm	30p.s.l	160g

## MDPE TEST PLUGS - DOUBLE SEAL

PART NO	PIPE SIZE INTERNAL		PLUG WILL FIT PIPES WITH INTERNAL DIAMETER		MINIMUM INSERTION INTO PIPE	OVERALL LENGTH OF PLUG	DIAMETER OF WATERWAY	MAXIMUM ALLOWABLE BACK PRESSURE	APPROX WEIGHT (grams)
	NOMINAL DIAMETER		INTERNAL DIAMETER						
	METRIC	IMPERIAL	MINIMUM	MAXIMUM					
73811/DT	12mm	1/2"	12.0mm	16.0mm	66mm	110mm	4mm	50p.s.i	40g
73821/DT	19mm	3/4"	19mm	26.5mm	66mm	110mm	6mm	50p.s.i	50g
73831/DT	25mm	1"	24.8mm	37.5mm	66mm	110mm	6mm	50p.s.i	70g
73841/DT	32mm	1 1/4"	31mm	39.5mm	66mm	110mm	6mm	50p.s.i	90g
73851/DT	40mm	1 1/2"	38mm	49.5mm	66mm	110mm	6mm	30p.s.l	130g
73861/DT	50mm	2"	49.95mm	50.5mm	66mm	110mm	6mm	30p.s.l	160g

## SOLID NYLON PLUGS - SINGLE SEAL

PART NO	PIPE SIZE INTERNAL		PLUG WILL FIT PIPES WITH INTERNAL DIAMETER		MINIMUM INSERTION INTO PIPE	OVERALL LENGTH OF PLUG	DIAMETER OF WATERWAY	MAXIMUM ALLOWABLE BACK PRESSURE	APPROX WEIGHT (grams)
	NOMINAL DIAMETER		INTERNAL DIAMETER						
	METRIC	IMPERIAL	MINIMUM	MAXIMUM					
70202	18mm	3/4"	18mm	26mm	38mm	60mm	N/A	5p.s.i	2g
70212	25mm	1"	24.8mm	32mm	40mm	60mm	N/A	5p.s.i	3g
70222	32mm	1 1/4"	31mm	39.1mm	40mm	60mm	N/A	5p.s.i	3g
70242	40mm	1 1/2"	38mm	46mm	44mm	62mm	N/A	5p.s.i	5g
70252	50mm	2"	49.9mm	58.5mm	48mm	65mm	N/A	5p.s.i	6g

## SUPER NYLON TEST PLUGS - SINGLE SEAL

PART NO	PIPE SIZE INTERNAL		PLUG WILL FIT PIPES WITH INTERNAL DIAMETER		MINIMUM INSERTION INTO PIPE	OVERALL LENGTH OF PLUG	DIAMETER OF WATERWAY	MAXIMUM ALLOWABLE BACK PRESSURE	APPROX WEIGHT (grams)
	NOMINAL DIAMETER		INTERNAL DIAMETER						
	METRIC	IMPERIAL	MINIMUM	MAXIMUM					
74021	50mm	2"	48.5mm	62.2mm	36mm	78mm	16mm	20p.s.i	70g
74041	75mm	3"	74mm	86mm	36mm	78mm	16mm	12p.s.i	110g
74061	100mm	4"	95.2mm	108.5mm	36mm	78mm	16mm	5p.s.i	150g
74091	150mm	6"	143mm	161mm	42mm	85mm	16mm	5p.s.l	320g

### Contact our Sales Department on :-

Telephone : 00 44 1902 60 40 60  
 Fax No : 00 44 1902 60 33 66  
 Email : [sales@horobin.co.uk](mailto:sales@horobin.co.uk)  
 Web Site : [www.horobin.co.uk](http://www.horobin.co.uk)  
 Address : Horobin Limited, Midacre, Willenhall Trading Estate, Willenhall WV13 2JW, UK





# Inflatable Air Bags – Datasheet

## INFLATABLE PVC AIR BAGS

PART NO	PIPE SIZE		BAG WILL FIT PIPES		MINIMUM INSERTION INTO PIPE	OVERALL LENGTH OF BAG	CONTACT LENGTH	MAXIMUM ALLOWABLE BACK PRESSURE	APPROX WEIGHT (kilos)
	INTERNAL		WITH						
	NOMINAL DIAMETER METRIC	IMPERIAL	INTERNAL DIAMETER MINIMUM	INTERNAL DIAMETER MAXIMUM					
83001	25mm	1"	22mm	28mm	55mm	75mm	20mm	10p.s.i	10
83011	50mm	2"	50mm	71mm	95mm	145mm	30mm	10p.s.i	14
83021	75mm	3"	71mm	91mm	100mm	160mm	70mm	10p.s.i	18
83031	100mm	4"	91mm	142mm	135mm	185mm	80mm	10p.s.i	25
83051	150mm	6"	142mm	200mm	225mm	275mm	100mm	7.5p.s.i	40
83061	200mm	8"	195mm	225mm	250mm	350mm	200mm	5p.s.i	110
83071	250mm	10"	245mm	275mm	250mm	350mm	200mm	5p.s.i	110
83081	300mm	12"	295mm	310mm	250mm	350mm	200mm	5p.s.i	110

## INFLATABLE CANVAS AIR BAGS

PART NO	PIPE SIZE		BAG WILL FIT PIPES		MINIMUM INSERTION INTO PIPE	OVERALL LENGTH OF BAG	CONTACT LENGTH	MAXIMUM ALLOWABLE BACK PRESSURE	APPROX WEIGHT (kilos)
	INTERNAL		WITH						
	NOMINAL DIAMETER METRIC	IMPERIAL	INTERNAL DIAMETER MINIMUM	INTERNAL DIAMETER MAXIMUM					
81011	50mm	2"	48mm	60mm	125mm	150mm	98mm	10p.s.i	25
81021	80mm	3"	72mm	85mm	140mm	165mm	98mm	10p.s.i	31
81031	100mm	4"	100mm	108mm	180mm	205mm	130mm	8.5p.s.i	31
81041	125mm	5"	123mm	130mm	200mm	225mm	135mm	7.5p.s.i	37
81051	150mm	6"	148mm	165mm	215mm	240mm	140mm	7.5p.s.i	37
81061	175mm	7"	172mm	185mm	255mm	280mm	165mm	6p.s.i	40
81071	200mm	8"	198mm	220mm	285mm	310mm	180mm	6p.s.i	45
81081	225mm	9"	220mm	240mm	195mm	320mm	180mm	5p.s.i	45
81011	250mm	10"	248mm	270mm	330mm	355mm	205mm	5p.s.i	73
81121	300mm	12"	295mm	320mm	355mm	380mm	205mm	5p.s.i	73
81141	350mm	14"	345mm	365mm	405mm	430mm	205mm	5p.s.i	91
81151	375mm	15"	370mm	390mm	420mm	445mm	240mm	5p.s.i	95
81161	400mm	16"	395mm	415mm	490mm	515mm	285mm	5p.s.i	91
81181	450mm	18"	445mm	465mm	595mm	620mm	370mm	5p.s.i	1kg
81191	500mm	20"	495mm	515mm	630mm	655mm	375mm	3p.s.i	1kg
81201	525mm	21"	520mm	540mm	645mm	670mm	380mm	3p.s.i	1kg
81211	600mm	24"	595mm	615mm	735mm	760mm	430mm	3p.s.i	1.5kg
81215	650mm	26"	645mm	665mm	745mm	875mm	525mm	1p.s.i	2kg
81226	700mm	28"	695mm	715mm	745mm	875mm	525mm	1p.s.i	2kg
81231	750mm	30"	745mm	765mm	780mm	1060mm	530mm	1p.s.i	2kg
81244	800mm	32"	795mm	815mm	875mm	1000mm	675mm	1p.s.i	2.5kg
81281	900mm	36"	895mm	915mm	880mm	1025mm	675mm	1p.s.i	2.9kg
81324	1000mm	40"	995mm	1015mm	930mm	1125mm	750mm	1p.s.i	3.75kg

### Contact our Sales Department on :-

Telephone : 00 44 1902 60 40 60  
 Fax No : 00 44 1902 60 33 66  
 Email : [sales@horobin.co.uk](mailto:sales@horobin.co.uk)  
 Web Site : [www.horobin.co.uk](http://www.horobin.co.uk)  
 Address : Horobin Limited, Midacre, Willenhall Trading Estate, Willenhall  
 WV13 2JW, UK



# Multi-lock Steel Test Plugs – Datasheet

PART NO	PIPE SIZE INTERNAL		PLUG WILL FIT PIPES WITH		MINIMUM INSERTION INTO PIPE	OVERALL LENGTH OF PLUG	DIAMETER OF WATERWAY	MAXIMUM ALLOWABLE BACK PRESSURE	APPROX WEIGHT (kilos)
	NOMINAL DIAMETER METRIC	IMPERIAL	INTERNAL DIAMETER MINIMUM	INTERNAL DIAMETER MAXIMUM					
73631	450mm	18"	435mm	482mm	95mm	126mm	50mm	5p.s.i	9.00
73916	475mm	19"	462mm	506mm	95mm	126mm	50mm	5p.si	9.70
73918	500mm	20"	480mm	530mm	95mm	126mm	50mm	5p.s.i	10.50
73920	525mm	21"	505mm	555mm	95mm	126mm	50mm	3p.s.i	11.20
73922	550mm	22"	535mm	578mm	95mm	126mm	50mm	3p.s.l	12.00
73924	575mm	23"	564mm	617mm	95mm	126mm	50mm	3p.s.i	13.00
73926	600mm	24"	590mm	640mm	95mm	126mm	50mm	3p.s.i	16.00
73928	625mm	25"	615mm	665mm	95mm	126mm	50mm	3p.s.i	18.00
73930	650mm	26"	635mm	690mm	95mm	126mm	50mm	3p.s.i	18.00
73932	675mm	27"	664mm	704mm	95mm	126mm	50mm	3p.s.i	20.20
73934	700mm	28"	690mm	740mm	95mm	126mm	50mm	3p.s.i	21.20
73936	725mm	29"	715mm	765mm	95mm	126mm	50mm	3p.s.i	26.00
73938	750mm	30"	740mm	786mm	95mm	126mm	50mm	3p.s.i	26.00
73940	775mm	31"	760mm	804mm	95mm	126mm	50mm	3p.s.i	28.00
73942	800mm	32"	785mm	835mm	95mm	126mm	50mm	3p.s.i	29.50
73944	825mm	33"	810mm	865mm	95mm	126mm	50mm	3p.s.i	30.80
73950	900mm	36"	890mm	940mm	95mm	126mm	50mm	3p.s.i	36.20
73954	1,000mm	40"	990mm	1,040mm	95mm	126mm	50mm	3p.s.i	42.00
73956	1,050mm	42"	1,040mm	1,090mm	95mm	126mm	50mm	3p.s.i	50.00
73958	1,100mm	44"	1,090mm	1,140mm	95mm	126mm	50mm	3p.si	54.00
73960	1,150mm	46"	1,140mm	1,190mm	95mm	126mm	50mm	3p.si	62.00
73962	1,200mm	48"	1,190mm	1,240mm	95mm	126mm	50mm	3p.s.i	88.00
73964	1,250mm	50"	1,240mm	1,290mm	95mm	126mm	50mm	3p.s.i	96.00
73966	1,300mm	52"	1,290mm	1,340mm	95mm	126mm	50mm	3p.s.i	112.00
73968	1,350mm	56"	1,340mm	1,390mm	95mm	126mm	50mm	3p.s.l	128.00
73970	1,400mm	58"	1,390mm	1,440mm	95mm	126mm	50mm	3p.s.i	142.00
73972	1,450mm	59"	1,440mm	1,490mm	95mm	126mm	50mm	3p.s.i	148.00
73974	1,500mm	60"	1,490mm	1,540mm	95mm	126mm	50mm	3p.s.i	154.00
73976	1,550mm	62"	1,540mm	1,590mm	95mm	126mm	50mm	3p.s.i	170.00
73978	1,600mm	64"	1,590mm	1,640mm	95mm	126mm	50mm	3p.s.i	190.00
73980	1,650mm	66"	1,640mm	1,690mm	95mm	126mm	50mm	3p.s.i	210.00
73982	1,700mm	68"	1,690mm	1,740mm	95mm	126mm	50mm	3p.s.i	230.00
73984	1,750mm	70"	1,740mm	1,790mm	95mm	126mm	50mm	3p.s.i	250.00
73986	1,800mm	72"	1,790mm	1,840mm	95mm	126mm	50mm	3p.s.i	270.00
73988	1,850mm	74"	1,840mm	1,890mm	95mm	126mm	50mm	3p.s.i	290.00
73990	1,900mm	76"	1,890mm	1,940mm	95mm	126mm	50mm	3p.s.i	310.00
73992	1,950mm	78"	1,940mm	1,990mm	95mm	126mm	50mm	3p.s.i	330.00
73994	2,000mm	80"	1,990mm	2,040mm	95mm	126mm	50mm	3p.s.i	350.00

**Contact our Sales Department on :-**

Telephone : 00 44 1902 60 40 60  
 Fax No : 00 44 1902 60 33 66  
 Email : sales@horobin.co.uk  
 Web Site : [www.horobin.co.uk](http://www.horobin.co.uk)  
 Address : Horobin Limited, Midacre, Willenhall Trading Estate, Willenhall WV13 2JW, UK



## Steel Test Plugs with Pneumatic Seals

Dia	min.Size	max. Size	min. Insert. into Pipe	WaterwayØ	max.Pressure	weight kg/piece	Overall Length of plug
700	680mm	715mm	210mm	45mm	1.0bar	60kg	340mm
800	780mm	815mm	210mm	45mm	1.0bar	80kg	340mm
900	880mm	915mm	210mm	45mm	1.0bar	97kg	340mm
1000	980mm	1015mm	210mm	45mm	1.0bar	124kg	340mm
1100	1080mm	1115mm	210mm	45mm	1.0bar	135kg	340mm
1200	1180mm	1215mm	210mm	45mm	1.0bar	149kg	340mm
1300	1280mm	1315mm	210mm	45mm	1.0bar	136kg	340mm
1400	1380mm	1415mm	210mm	45mm	1.0bar	159kg	340mm
1500	1480mm	1515mm	210mm	45mm	1.0bar	192kg	340mm
1600	1580mm	1615mm	210mm	45mm	1.0bar	240kg	340mm
1700	1680mm	1715mm	210mm	65mm	1.0bar	275kg	340mm
1800	1780mm	1815mm	210mm	65mm	1.0bar	290kg	340mm
1900	1880mm	1915mm	210mm	65mm	1.0bar	325kg	340mm
2000	1980mm	2015mm	210mm	80mm	1.0bar	340kg	340mm
2100	2080mm	2115mm	210mm	80mm	0.5bar	357kg	340mm
2200	2180mm	2215mm	210mm	80mm	0.5bar	374kg	340mm
2300	2280mm	2315mm	210mm	80mm	0.5bar	391kg	340mm
2400	2380mm	2415mm	210mm	80mm	0.5bar	408kg	340mm
2500	2480mm	2515mm	210mm	80mm	0.5bar	425kg	340mm
2600	2580mm	2615mm	210mm	100mm	0.5bar	442kg	340mm
2700	2680mm	2715mm	210mm	100mm	0.5bar	459kg	340mm
2800	2780mm	2815mm	210mm	100mm	0.5bar	476kg	340mm
2900	2880mm	2915mm	210mm	100mm	0.5bar	493kg	340mm
3000	2980mm	3015mm	210mm	100mm	0.5bar	510kg	340mm

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 WV13 2JW, UK



# High Pressure Inflatable Pipe Stoppers – Datasheet

## 1.5 Bar Stoppers (Back Pressure 0.5bar to 0.3bar - 5 metres Water Head)

Part Number	Diameter Range In mm	Length In mm	Minimum dia In mm	Inflation Pressure	Back Pressure	Weight In kilos
AB70150	DN 70 - 150	380	68	1.5	0.5	0.6
AB100200	DN 100 - 200	570	88	1.5	0.5	1.2
AB150300	DN 150 - 300	570	138	1.5	0.5	2.1
AB200500	DN 200 - 500	820	182	1.5	0.5	4.3
AB300600	DN 300 - 600	820	282	1.5	0.5	9.2
AB5001000	DN 500 - 1000	1,200	485	1.5	0.5	26.5
AB6001200	DN 600 - 1200	1,300	582	1.5	0.5	35.0
AB10002000	DN1000-2000	3,500	950	1.0	0.3	235.0

## 2.5 Bar Stoppers (Back Pressure 1.0bar - 10 metres Water Head)

Part Number	Diameter Range In mm	Length In mm	Minimum dia In mm	Inflation Pressure	Back Pressure	Weight In kilos
HAB70150	DN 70 - 150	380	68	2.5	1.0	0.6
HAB100200	DN 100 - 200	570	88	2.5	1.0	1.2
HAB150300	DN 150 - 300	570	138	2.5	1.0	2.1
HAB200500	DN 200 - 500	820	182	2.5	1.0	4.3
HAB300600	DN 300 - 600	820	282	2.5	1.0	9.2
HAB5001000	DN 500 - 1000	1,200	485	2.5	1.0	26.5

## 6 Bar Stoppers (Back Pressure 3.0bar - 30 metres Water Head)

Part Number	Diameter Range In mm	Length In mm	Minimum dia In mm	Inflation Pressure	Back Pressure	Weight In kilos
HPAB100150	DN 100 - 150	570	88	6.0	3.0	1.2
HPAB150200	DN 150 - 200	570	138	6.0	3.0	2.4
HPAB200300	DN 200 - 300	570	185	6.0	3.0	3.4
HPAB300500	DN 300 - 500	820	285	6.0	3.0	10.0
HPAB500600	DN 500 - 600	1,200	485	6.0	3.0	28.0

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 WV13 2JW, UK