



Applications

Used for stopping the flow of material in drains and pipes so pressure testing or essential maintenance work can be carried out.

Features

- ~ Available in Aluminium and Steel
- ~ Rubber test plug
- ~ Manufactured from high quality materials
- ~ Available in a range of sizes to suit your needs, see below:



Specification

Available from 50mm up to 375mm diameter, larger sizes available upon request Aluminium plates combine strength with lightness. 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. Nominal pipe sizes, minimum and maximum pipe diameters each Plug will fit, maximum test pressure, and weight of Plug are below.

It is the responsibility of the installer / operator to make sure the maximum allowed back pressure of pipe stoppers are not exceeded. Please see maximum allowed back pressures in the table below.

	Pipe Bore Size		Plug Expansion Range		Minimum Insertion into Pipe	Overall Plug Length	Diameter of Waterway	Maximum Allowable Back Pressure	Approx Product Weight
	Metric	Imperial	Min	Max					
Aluminium	50mm	2"	50.5mm	65.25mm	41.75mm	89mm	1/2" BSP	30 P.S.I	0.175 KG
	63mm	2 1/2"	63.8mm	73.25mm	40.25mm	93mm	1/2" BSP	30 P.S.I	0.225 KG
	75mm	3"	72.5mm	87mm	44mm	101mm	1/2" BSP	20 P.S.I	0.270 KG
	100mm	4"	98mm	111.80mm	51.5mm	100mm	1/2" BSP	10 P.S.I	0.340 KG
	150mm	6"	154mm	167mm	53.75mm	102mm	1/2" BSP	10 P.S.I	0.675 KG
	200mm	8"	195mm	209mm	69mm	134mm	1" BSP	7 P.S.I	1.345 KG
	225mm	9"	220mm	238mm	72mm	133mm	1" BSP	7 P.S.I	1.900 KG
	250mm	10"	242mm	266mm	78mm	133mm	1" BSP	7 P.S.I	3.176 KG
	300mm	12"	295mm	325mm	86mm	160mm	1" BSP	7 P.S.I	3.170 KG
	375mm	15"	379mm	392mm	142mm	267mm	1" BSP	5 P.S.I	4.465 KG

Technical Data

Rubber Composition	Natural Rubber SVR 3L [95%] Styrene Butadiene Rubber 1502 [5%]
Construction Material	Aluminium



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Steel	100mm	4"	96mm	103mm	39mm	78.3mm	1/2" BSP	10 P.S.I	0.260 KG
	150mm	6"	151mm	161mm	38.75mm	81mm	1/2" BSP	10 P.S.I	0.640 KG

Rubber Properties

	Units	Typical Values	Specification Limits	Test Method
Dirt [retained on 45 micron aperture]	% m/m	0.012	<0.03	ISO 249:2016
Ash	% m/m	0.2	<0.5	ISO 247:2010
Volatile Matter [Oven Method]	% m/m	0.21	<0.8	ISO 248-1:2011
Nitrogen	% m/m	0.4	<0.6	ISO 1656:2014
Initial Wallace Plasticity	P ₀	44	>35	ISO 2007:2007
Plasticity Retention Index PRI	[P ₃₀ / P ₀] x 100	86	>60	ISO 2930:2009
Colour	Lovibond Scale	4.5	<6	ISO 4660:2011

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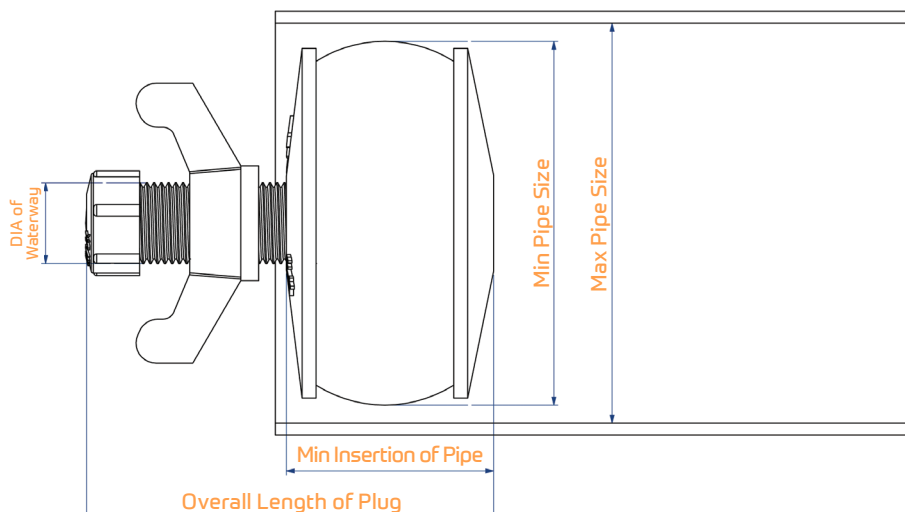
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