

Camstopper™



A range of 21st Century Tools from the manufacturers of the Camstopper™

Product Selector



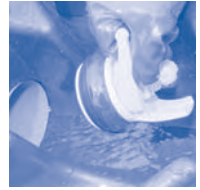
ADVANCED SEWER PRODUCTS



Camstopper™

The patented **Camstopper™** was developed to overcome the deficiencies of the old fashioned wing-nut drain stopper. The fast action lever and modern ergonomic design of the **Camstopper™** brings many benefits;

- 20 times quicker to install and retrieve
- Non man-entry retrieval
- Improved sealing pressures
- Longer lasting durable materials
- Labour cost reductions
- Allows improved compliance with Confined Spaces Regulations 1997.

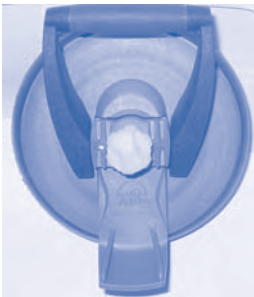


Install 1



Install 2

PRODUCT CODE	ITEM	MATERIAL	Cr (BSP)	NOMINAL SIZE (mm)	MIN/MAX PIPE I.D. (mm)	ALLOWABLE BACK PRESSURE (bar)	WEIGHT (kg)
1CAM 100	CAMSTOPPER 100mm/4"	NYLON	1/2"	100	97/108	0.5	0.3
1CAM 115	CAMSTOPPER 115mm/4.5"	NYLON	1/2"	115	112/124	0.5	0.4
1CAM 125	CAMSTOPPER 125mm/5"	NYLON	1/2"	125	122/133	0.5	0.4
1CAM 150	CAMSTOPPER 150mm/6"	NYLON	1/2"	150	147/159	0.5	0.5



Potable Water Camstopper™ Blue

These **Camstoppers** are designed for use in sealing the open ends of water mains against the ingress of dirt, mud and groundwater during repair and renovation.

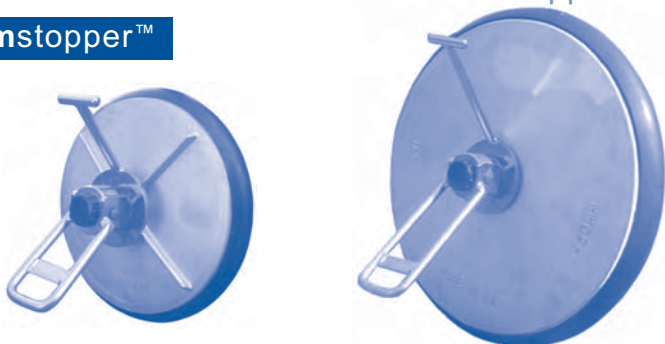
The seals are manufactured from EPDM rubber and the stoppers are coloured blue for easy identification. They comply fully with the requirements of DWI Regulation 31.

PRODUCT CODE	ITEM	MATERIAL	Cr (BSP)	NOMINAL SIZE (mm)	MIN/MAX PIPE I.D. (mm)	ALLOWABLE BACK PRESSURE (bar)	WEIGHT (kg)
2EPD 100	CAMSTOPPER BLUE 100mm/4"	NYLON	1/2"	100	97/108	0.5	0.3
2EPD 115	CAMSTOPPER BLUE 115mm/4.5"	NYLON	1/2"	115	112/124	0.5	0.4
2EPD 125	CAMSTOPPER BLUE 125mm/5"	NYLON	1/2"	125	122/133	0.5	0.4
2EPD 150	CAMSTOPPER BLUE 150mm/6"	NYLON	1/2"	150	147/159	0.5	0.5

A range of 21st Century Tools from the manufacturers of the **Camstopper™**

Professional Retro Camstopper™

A range of **Camstoppers** incorporating all the benefits of the moulded nylon **Camstopper™** in a range of sizes up to 1000mm diameter. Made with aluminium or steel plates and incorporating zinc plated levers.



PRODUCT CODE	ITEM	MATERIAL	Clr (GSP)	NOMINAL SIZE (mm)	MINIMAX PIPE I.D. (mm)	ALLOWABLE BACK PRESSURE (bar)	WEIGHT (kg)
3PRO 75	CAMSTOPPER PRO 75mm/3"	St (1)	1/2"	75	73/94	0.5	0.4
3PRO 88	CAMSTOPPER PRO 88mm/3.5"	St (1)	1/2"	90	87/109	0.5	0.5
3PRO 100	CAMSTOPPER PRO 100mm/4"	Al (1)	1/2"	100	95/112	0.5	0.5
3PRO 115	CAMSTOPPER PRO 115mm/4.5"	St (1)	1/2"	115	112/130	0.5	0.6
3PRO 125	CAMSTOPPER PRO 125mm/5"	St (1)	1/2"	125	122/144	0.5	0.7
3PRO 140	CAMSTOPPER PRO 140mm/5.5"	St (1)	1/2"	140	138/161	0.5	0.8
3PRO 150	CAMSTOPPER PRO 150mm/6"	Al (1)	1/2"	150	147/170	0.5	0.9
3PRO 175	CAMSTOPPER PRO 175mm/7"	Al (2)	1"	175	170/201	0.5	2.1
3PRO 200	CAMSTOPPER PRO 200mm/8"	Al (2)	1"	200	192/219	0.5	2.7
3PRO 225	CAMSTOPPER PRO 225mm/9"	Al (2)	1"	225	223/246	0.5	3.3
3PRO 250	CAMSTOPPER PRO 250mm/10"	Al (2)	1"	250	242/274	0.5	3.9
3PRO 275	CAMSTOPPER PRO 275mm/11"	Al (2)	1"	275	275/324	0.5	5.4
3PRO 300	CAMSTOPPER PRO 300mm/12"	Al (2)	1"	300	299/333	0.5	5.0
3PRO 325	CAMSTOPPER PRO 325mm/13"	Al (2)	1"	325	324/375	0.3	5.5
3PRO 350	CAMSTOPPER PRO 350mm/14"	Al (2)	1"	350	345/399	0.3	5.8
3PRO 375	CAMSTOPPER PRO 375mm/15"	Al (2)	1"	375	373/422	0.3	6.0
3PRO 400	CAMSTOPPER PRO 400mm/16"	Al (2)	1"	400	385/442	0.3	7.5
3PRO 425	CAMSTOPPER PRO 425mm/17"	St (2)	1"	425	420/470	0.3	6.5
3PRO 450	CAMSTOPPER PRO 450mm/18"	Al (2)	1"	450	450/504	0.3	12
3PRO 500	CAMSTOPPER PRO 500mm/20"	Al (2)	2"	500	500/555	0.3	19
3PRO 525	CAMSTOPPER PRO 525mm/21"	Al (2)	2"	525	522/566	0.12	21
3PRO 600	CAMSTOPPER PRO 600mm/24"	Al (2)	2"	600	596/640	0.12	24
3PRO 650	CAMSTOPPER PRO 650mm/26"	Al (2)	2"	650	635/680	0.12	29
3PRO 675	CAMSTOPPER PRO 675mm/27"	Al (2)	2"	675	660/705	0.12	31
3PRO 700	CAMSTOPPER PRO 700mm/28"	Al (2)	2"	700	685/736	0.12	32
3PRO 750	CAMSTOPPER PRO 750mm/30"	Al (2)	2"	750	735/787	0.12	33
3PRO 800	CAMSTOPPER PRO 800mm/32"	Al (2)	2"	800	785/838	0.12	35
3PRO 825	CAMSTOPPER PRO 825mm/33"	Al (2)	2"	825	815/865	0.12	37
3PRO 900	CAMSTOPPER PRO 900mm/36"	Al (2)	2"	900	890/940	0.12	41
3PRO 999	CAMSTOPPER PRO 1000mm/40"	St (2)	2"	1000	990/1040	0.12	41

(1) = NYLON LEVER (2) = STEEL LEVER

European “Super-Wide” Camstopper™

A range of **Camstoppers** with an extra wide sealing range suitable for sealing a wide range of Nominal (DN) pipe sizes in a variety of common pipe materials.



(1) = NYLON LEVER (2) = STEEL LEVER

PRODUCT CODE	ITEM	MATERIAL	Cr (BSP)	NOMINAL SIZE (mm)	MIN/MAX PIPE I.D. (mm)	ALLOWABLE BACK PRESSURE (bar)	WEIGHT (kg)
4EUR 175W	CAMSTOPPER EURO 175mm/7"	Al (2)	1"	175	170/218	0.5	2.1
4EUR 200W	CAMSTOPPER EURO 200mm/8"	Al (2)	1"	200	192/240	0.5	2.7
4EUR 225W	CAMSTOPPER EURO 225mm/9"	Al (2)	1"	225	215/263	0.5	3.3
4EUR 250W	CAMSTOPPER EURO 250mm/10"	Al (2)	1"	250	243/291	0.5	3.9
4EUR 275W	CAMSTOPPER EURO 275mm/11"	Al (2)	1"	275	275/323	0.5	5.4
4EUR 300W	CAMSTOPPER EURO 300mm/12"	Al (2)	1"	300	295/343	0.3	5.8

Camstopper™ Levers

Patented **Camstopper™** levers for the conversion of existing “wing-nut” mechanical stoppers to the benefits of the **Camstopper™**.



PRODUCT CODE	ITEM	MATERIAL	Cr (BSP)	NOMINAL SIZE (mm)	WEIGHT (kg)
A1LEV 100	CAMSTOPPER LEVER 100mm/4"	Ny	1/2"	100	0.2
A1LEV 115	CAMSTOPPER LEVER 115mm/4.5"	Ny	1/2"	115	0.3
A1LEV 125	CAMSTOPPER LEVER 125mm/5"	Ny	1/2"	125	0.3
A1LEV 150	CAMSTOPPER LEVER 150mm/6"	Ny	1/2"	150	0.2
A1LEV 175	CAMSTOPPER LEVER 175mm/7"	St	1"	175	1.1
A1LEV 200	CAMSTOPPER LEVER 200mm/8"	St	1"	200	1.3
A1LEV 225	CAMSTOPPER LEVER 225mm/9"	St	1"	225	1.3
A1LEV 250	CAMSTOPPER LEVER 250mm/10"	St	1"	250	1.4
A1LEV 275	CAMSTOPPER LEVER 275mm/11"	St	1"	275	1.4
A1LEV 300	CAMSTOPPER LEVER 300mm/12"	St	1"	300	1.5
A1LEV 450	CAMSTOPPER LEVER 325-450mm/13"-18"	St	1"	325-450	1.5
A1LEV 999	CAMSTOPPER LEVER 500-1000mm/20"-40"	St	2"	500-1000	5.0

By-Pass Stopper

A range of Camstoppers for use in sewer renovation or repair when it is necessary to over pump the flow.

Incorporating a 4"/100mm or 6"/150mm Bauer connection.

A cost effective alternative to inflatable stoppers in on-site pumping applications.

(1) = NYLON LEVER (2) = STEEL LEVER



Camstopper™ with 4"-100mm Bauer By-Pass Coupling

PRODUCT CODE	ITEM	MATERIAL	Clr (BSP)	NOMINAL SIZE (mm)	MIN/MAX PIPE I.D. (mm)	ALLOWABLE BACK PRESSURE (bar)	WEIGHT (kg)
5BP4 400	CAMSTOPPER BY-PASS 400mm/16"	Al (2)	1"	400	385/442	0.3	9
5BP4 425	CAMSTOPPER BY-PASS 425mm/17"	St (2)	1"	425	420/470	0.3	10
5BP4 450	CAMSTOPPER BY-PASS 450mm/18"	Al (2)	1"	450	450/504	0.3	11
5BP4 500	CAMSTOPPER BY-PASS 500mm/20"	Al (2)	2"	500	500/555	0.3	22
5BP4 525	CAMSTOPPER BY-PASS 525mm/21"	Al (2)	2"	525	522/566	0.12	24
5BP4 600	CAMSTOPPER BY-PASS 600mm/24"	Al (2)	2"	600	596/640	0.12	28
5BP4 650	CAMSTOPPER BY-PASS 650mm/26"	Al (2)	2"	650	635/680	0.12	32
5BP4 675	CAMSTOPPER BY-PASS 675mm/27"	Al (2)	2"	675	660/705	0.12	34
5BP4 700	CAMSTOPPER BY-PASS 700mm/28"	Al (2)	2"	700	685/736	0.12	35
5BP4 750	CAMSTOPPER BY-PASS 750mm/30"	Al (2)	2"	750	735/787	0.12	36
5BP4 800	CAMSTOPPER BY-PASS 800mm/32"	Al (2)	2"	800	785/838	0.12	38
5BP4 825	CAMSTOPPER BY-PASS 825mm/33"	Al (2)	2"	825	815/865	0.12	40
5BP4 900	CAMSTOPPER BY-PASS 900mm/36"	Al (2)	2"	900	890/940	0.12	44
5BP4 999	CAMSTOPPER BY-PASS 1000mm/40"	St (2)	2"	1000	990/1040	0.12	44

Camstopper™ with 6"-150mm Bauer By-Pass Coupling

PRODUCT CODE	ITEM	MATERIAL	Clr (BSP)	NOMINAL SIZE (mm)	MIN/MAX PIPE I.D. (mm)	ALLOWABLE BACK PRESSURE (bar)	WEIGHT (kg)
5BP6 600	CAMSTOPPER BY-PASS 600mm/24"	Al (2)	2"	600	596/640	0.12	31
5BP6 650	CAMSTOPPER BY-PASS 650mm/26"	Al (2)	2"	650	635/680	0.12	35
5BP6 675	CAMSTOPPER BY-PASS 675mm/27"	Al (2)	2"	675	660/705	0.12	37
5BP6 700	CAMSTOPPER BY-PASS 700mm/28"	Al (2)	2"	700	685/736	0.12	38
5BP6 750	CAMSTOPPER BY-PASS 750mm/30"	Al (2)	2"	750	735/787	0.12	39
5BP6 800	CAMSTOPPER BY-PASS 800mm/32"	Al (2)	2"	800	785/838	0.12	41
5BP6 825	CAMSTOPPER BY-PASS 825mm/33"	Al (2)	2"	825	815/865	0.12	43
5BP6 900	CAMSTOPPER BY-PASS 900mm/36"	Al (2)	2"	900	890/940	0.12	47
5BP6 999	CAMSTOPPER BY-PASS 1000mm/40"	St (2)	2"	1000	990/1040	0.12	47

Old Style Stopper

Traditional design of pipe stopper with aluminium or pressed steel plates and commercial grade rubber seals. Thrustwashers are fitted as standard.



PRODUCT CODE	ITEM	MATERIAL	Cr(BSP)	NOMINAL SIZE (mm)	MIN/MAX PIPE I.D. (mm)	ALLOWABLE BACK PRESSURE (bar)	WEIGHT (kg)
7OLD 25	STOPPER 25mm/1"	St	1/2"	25	23/35	0.5	0.2
7OLD 40	STOPPER 40mm/1.5"	St	1/2"	40	38/50	0.5	0.2
7OLD 50	STOPPER 50mm/2"	St	1/2"	50	48/60	0.5	0.2
7OLD 65	STOPPER 65mm/2.5"	St	1/2"	65	62/75	0.5	0.2
7OLD 75	STOPPER 75mm/3"	St	1/2"	75	73/94	0.5	0.3
7OLD 88	STOPPER 88mm/3.5"	St	1/2"	90	87/109	0.5	0.3
7OLD 100	STOPPER 100mm/4"	Al	1/2"	100	95/112	0.5	0.4
7OLD 115	STOPPER 115mm/4.5"	St	1/2"	115	112/130	0.5	0.4
7OLD 125	STOPPER 125mm/5"	St	1/2"	125	122/144	0.5	0.5
7OLD 140	STOPPER 140mm/5.5"	St	1/2"	140	138/161	0.5	0.6
7OLD 150	STOPPER 150mm/6"	Al	1/2"	150	147/170	0.5	0.7
7OLD 175	STOPPER 175mm/7"	Al	1"	175	170/201	0.5	1.0
7OLD 200	STOPPER 200mm/8"	Al	1"	200	192/219	0.5	1.4
7OLD 225	STOPPER 225mm/9"	Al	1"	225	223/246	0.5	2.0
7OLD 250	STOPPER 250mm/10"	Al	1"	250	242/274	0.5	2.5
7OLD 275	STOPPER 275mm/11"	Al	1"	275	275/324	0.5	3.8
7OLD 300	STOPPER 300mm/12"	Al	1"	300	299/333	0.5	4.0
7OLD 325	STOPPER 325mm/13"	Al	1"	325	324/375	0.3	4.1
7OLD 350	STOPPER 350mm/14"	Al	1"	350	345/399	0.3	4.3
7OLD 375	STOPPER 375mm/15"	Al	1"	375	373/422	0.3	4.5
7OLD 400	STOPPER 400mm/16"	Al	1"	400	385/442	0.3	6.0
7OLD 425	STOPPER 425mm/17"	St	1"	425	420/470	0.3	5.0
7OLD 450	STOPPER 450mm/18"	Al	1"	450	450/504	0.3	7.4
7OLD 500	STOPPER 500mm/20"	Al	2"	500	500/555	0.3	14
7OLD 525	STOPPER 525mm/21"	Al	2"	525	522/566	0.12	16
7OLD 600	STOPPER 600mm/24"	Al	2"	600	596/640	0.12	20
7OLD 650	STOPPER 650mm/26"	Al	2"	650	635/680	0.12	24
7OLD 675	STOPPER 675mm/27"	Al	2"	675	660/705	0.12	26
7OLD 700	STOPPER 700mm/28"	Al	2"	700	685/736	0.12	27
7OLD 750	STOPPER 750mm/30"	Al	2"	750	735/787	0.12	28
7OLD 800	STOPPER 800mm/32"	Al	2"	800	785/838	0.12	30
7OLD 825	STOPPER 825mm/33"	Al	2"	825	815/865	0.12	32
7OLD 900	STOPPER 900mm/36"	Al	2"	900	890/940	0.12	36
7OLD 999	STOPPER 1000mm/40"	St	2"	1000	990/1040	0.12	36

Air Test Kits/Ancillaries

Standard Air test kit incorporating, 100mm (4") air gauge, tubing, hand bellows, 'Y' piece and test nipple caps.

Digital manometer: replaces traditional U-gauge for improved ease of use and accuracy. Available as stand alone item or with test kit.

Camstopper™ test kit incorporating standard air test kit plus two **Camstoppers** in carry case.

Replacement parts - nipples, test nipples and end caps.



Digital manometer.



Digital Air test Kit



Camstopper Air test Kit with Carry Case

PRODUCT CODE	ITEM	WEIGHT (kg)
6AIR 001	Standard air test kit	0.5
6AIR 002	Air test kit in carry case with 2 No. 100mm/4" Camstoppers	2.2
6AIR 003	Air test kit in carry case with 2 No. 150mm/6" Camstoppers	2.3
6NIP 12N	Test nipple 0.5" BSP Nylon	0.1
6NIP 12B	Test nipple 0.5" BSP Brass	0.1
6NIP 25N	Test nipple 1" BSP Nylon	0.1
6NIP 25B	Test nipple 1" BSP Brass	0.2
6CAP 12	Camstopper end cap 0.5" BSP Nylon	0.1
6CAP 25	Camstopper end cap 1" BSP Nylon	0.1
6DIG 001	Digital manometer	1.2
6DIG 002	Digital manometer with standard air test kit	3.5
6DIG 003	Digital manometer with air test kit & 2 No.100mm (4") Camstoppers	4.0
6DIG 004	Digital manometer with air test kit & 2 No.150mm (6") Camstoppers	4.5

Pipe Testing

All Camstoppers, Multitest and Inflatable stoppers are suitable for the testing of drains and sewers in accordance with the requirements of BS EN 1610: 1998.

Allowable back pressure for individual stoppers is given in the relevant product table. However, note that appropriate bearing or support may be necessary to prevent movement of the stopper at the higher water pressures, and that compression stoppers are at their maximum efficiency in their mid range.

All inflatable stoppers must be braced before pressure testing.

The following table gives guidance on the internal diameter of drain and sewer pipes.

Contact our Technical Department if you require assistance regarding the correct size of stopper to use.

Pipe Size Chart

PIPE TYPE	STANDARD	INTERNAL DIAMETER																				
		DN100	DN125	DN150	DN200	DN225	DN250	DN300	DN350	DN400	DN450	DN500	DN525	DN600	DN675	DN700	DN750	DN800	DN825	DN900	DN1000	
Vitrified Clay	Mean	100	125	150	200	225	250	300	350	400	450	500	600	700	800							1000
	Minimum	96	122	146	195	219	244	293	341	390	439	487	585	682	780							975
Steinzeug	Mean	100	126	151	200	224	250	300	348	404	398	447	496	597	697	797						998
	Maximum	104	130	157	205	229	256	307	355	409	455	505	609	712	814							1021
BS 65 (pre 1997) (foul sewers)	Mean	96	122	146	195	219	244	293	341	390	439	487	585	682	780							975
	Maximum	100	125	150	200	225	250	300	375	400	450	500	600	700	800							1000
Concrete (EN 1916)	Mean					225	300	375	400	450	500	525	600	675	700	750	800	825	900	1000		
	Minimum					230	305	380	405	455	506	531	606	681	707	757	807	833	908	1008		
PVCu	Mean					220	295	370	395	445	494	519	594	669	693	743	793	818	892	992		
	Minimum					186.7																
Ductile Iron	Mean																					
	Minimum																					
Saint Gobain Buderus	Mean	96		147	199	250	302	353	403	453	504	605	704	807	908	1009						
	Minimum	99		151	202	253	305	353	403	453	504	605	704	806	908	1009						
Cast Iron	Mean																					
	Minimum																					
SML	Mean	103	127	152	199		263	314	414													
	Maximum	105	129	154	202		266	317	418													
Emsign Timesaver	Mean	101	124	149	196		259	310	410													
	Maximum	97.5	146	195		244	292.5															
Ultra Rib	Mean	99				225	300															
	Maximum	150				226	300															
Twin Walled Plastic (Wavin)	Mean																					
	Maximum																					
Quantum Sewer (Marley)	Mean																					
	Maximum																					
Quantum Highway (Marley)	Mean																					
	Maximum																					