

e p c o

PIPE SYSTEMS



ABS



PVC IMPERIAL



PVC METRIC



POLYPROPYLENE



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ABS – (ACRYLONITRILE BUTADIENE STYRENE)

ABS JOINTING PROCEDURES

ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES



ACCESSORIES



ABS pipework systems are designed to have an interference fit and are not designed to be dry fitted.

ABS cement is not gap filling. ABS cement softens the inside of the fitting and the outside of the pipe to form a joint chemically. Strength of joint is reduced if surfaces are not cleaned and properly prepared.

1. Cut the pipe ends square.
2. Remove burrs and clean out swarf. A chamfer must be filed approx 3mm x 45° (This will prevent the layer of cement being scraped away as the pipe is pushed into the fitting).
3. Use a felt marker pen or pencil to mark the pipe at the distance which will penetrate the fitting socket to the root/stop.
4. Thoroughly clean the surfaces of both pipe and fittings with MEK cleaner on a clean lint-free cloth. Please note it is not necessary to abrade pipe or fitting unless pipes are discoloured/sun bleached.
5. Stir the ABS Cement SLOWLY but thoroughly.
6. Use a clean brush approximately half as wide as the pipe to be jointed.

Apply cement to the pipe and fittings using longitudinal strokes.

The pipe should have a slightly thicker coating than the fitting.

The prepared areas should be completely covered with cement.

Note: It is important to apply cement quickly to enable assembly without excessive force being required.

7. Immediately after application of cement push pipe fully home to the stop in the fitting without rotating.

Hold the pipe and fitting for up to a minute, depending on size, to ensure fitting does not slide off the pipe.

Note: When working under cold conditions ensure the joints are free from frost and moisture and allow extra curing time.

8. Wipe off excess cement from both sides of the joint using a clean lint-free cloth.
9. Replace lids on tins.
10. Clean brush in MEK cleaner.

PRECAUTIONS

- The jointing area must be well ventilated
- Do not allow a naked flame or smoking in the jointing area
- Ensure cement is used prior to its expiry date (shown on bottom of tin)
- Wear rubber or latex gloves when applying MEK cleaner and ABS cement
- Never dilute ABS solvent cement
- Always replace lids on tins when not in use
- Always use clean brushes
- Always use clean lint-free cloth or absorbent paper
- Use a shelter to keep jointing surfaces dry in wet weather

CEMENT SETTING TIMES

PIPE DIAMETER	UP TO 2"		2 1/2" TO 6"		8" AND ABOVE	
Temp	Up to 10 bar	Up to 15 bar	Up to 10 bar	Up to 15 bar	Up to 10 bar	Up to 15 bar
>15°C	4 h	8 h	6 h	16 h	48 h	72 h
5°C to 15°C	8 h	16 h	12 h	24 h	72 h	96 h
0° to +5°C	12 h	24 h	18 h	32 h	96 h	120 h

These times are applicable to Griffon cement.

- Solvent cement setting times are given for guidance only and can vary depending on a number of factors.

CEMENT USAGE RECOMMENDATIONS

The following is an estimation of the number of joints likely to be achieved per litre of solvent cement.

NOMINAL BORE	NUMBER OF JOINTS	TYPE AND SIZE OF BRUSH	NUMBER OF PEOPLE
3/8" – 1/2"	400	4mm Round	1
3/4" – 1"	400	8mm Round	1
1 1/4" – 2"	200	1" Flat	1
2 1/2" – 3"	60	2" Flat	1
4"	35	2" Flat	2
5" – 6"	20	3" Flat	2
8"	10	3" Flat	3

INSTALLING THREADED FITTINGS

1. Ensure all threads are clean.
2. Apply PTFE Tape to the male thread for 1 1/2 turns in a clockwise direction.
3. Screw the female threaded fitting by hand onto the male thread.
4. It should be possible to screw the fitting on by hand for 2/3 of the thread length.
5. After tightening by hand add an extra 1/2 turn with a suitable tool i.e strap wrench.

PRECAUTIONS

Use PTFE Tape or Kolmat Fibre Tape/Paste. Do not force tightening of the joint under any circumstances. For connecting plastic pipework systems to metal pipework systems composite unions and/or flanges must be used.

ABS IMPERIAL PRICE REFERENCE

ABS PRESSURE PIPE



PLAIN SOCKET



PLAIN 90° ELBOW



PLAIN 90° SHORT RADIUS BEND



INCH / METRIC ADAPTOR SOCKET



PLAIN 45° ELBOW



PLAIN EQUAL TEE



PLAIN Y PIECE / 45° TEE



PLAIN UNION



PLAIN HOSE ADAPTOR – MALE SPIGOT x mm HOSE TAIL



PLAIN CHALLENGER HOSE ADAPTOR – MALE SPIGOT x mm HOSE TAIL



PLAIN REDUCING SOCKET



PLAIN CROSS



PLAIN CAP



PLAIN REDUCING BUSH



PLAIN STUB FLANGE



PLAIN FULL FACE FLANGES



PLAIN BLANK FLANGES



PLAIN / THREADED SOCKET



PLAIN / THREADED SOCKET – S/S REINFORCED



PLAIN / THREADED 90° ELBOW



PLAIN / THREADED 90° ELBOW – S/S REINFORCED



PLAIN / THREADED 45° ELBOW



PLAIN / THREADED EQUAL TEE



PLAIN / THREADED EQUAL TEE – S/S REINFORCED



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COMPRESSION FITTINGS

GUIDELINES

ABS IMPERIAL PRICE REFERENCE

ADAPTOR – FEMALE PLAIN / MALE PLAIN / MALE THREADED



PLAIN / THREADED REDUCING BUSH



ADAPTOR – MALE PLAIN / FEMALE THREADED



ADAPTOR – S/S REINFORCED – MALE PLAIN / FEMALE THREADED



PLAIN / THREADED UNION



UNION – MALE THREAD ONE END



CHALLENGER HOSE ADAPTOR – MALE BSP x INCH HOSE TAIL



HOSE ADAPTOR – FEMALE BSP x mm HOSE TAIL



HOSE ADAPTOR – MALE BSP x mm HOSE TAIL



TANK CONNECTOR



PP TANK CONNECTOR



NIPPLE



COMPOSITE UNION – MALE BRASS



COMPOSITE UNION – FEMALE BRASS



COMPOSITE UNION – MALE BRASS WITH ABS NUT



COMPOSITE UNION – FEMALE BRASS WITH ABS NUT



THREADED SOCKET



THREADED 90° ELBOW



THREADED 45° ELBOW



THREADED EQUAL TEE



THREADED UNION



THREADED REDUCING SOCKET



THREADED CAP



THREADED PLUG



THREADED REDUCING BUSH – LONG PATTERN



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ABS IMPERIAL PRICE REFERENCE

THREADED REDUCING BUSH – SHORT PATTERN



THREADED REDUCING PIECE – MALE / FEMALE



NIPPLE



THREADED HEXAGON NIPPLE



THREADED REDUCING NIPPLE



THREADED BACKNUT



SINGLE UNION STANDARD BALL VALVE



DOUBLE UNION STANDARD BALL VALVE



DOUBLE UNION INDUSTRIAL BALL VALVE



BRASS BALL VALVE



BRASS BALL VALVE – LOCKABLE



BRASS GATE VALVE



BRASS SWING CHECK VALVE – METAL SEAT



SEAL KITS



VALVE HANDLES



INDUSTRIAL DIAPHRAGM VALVE HANDWHEEL OPERATED



STANDARD SPRING CHECK NON RETURN VALVE – DOUBLE UNION – STAINLESS STEEL SPRING – PLAIN ENDS



STANDARD AIR RELEASE VALVE – DOUBLE UNION – PLAIN ENDS



STANDARD FOOT VALVE – DOUBLE UNION – PLAIN ENDS



VARIABLE AREA FLOWMETERS



ELECTRICALLY ACTUATED BALL VALVE



PNEUMATICALLY ACTUATED BALL VALVE



PNEUMATICALLY ACTUATED DIAPHRAGM VALVE



GRIFFON – B-25 ABS CEMENT



GRIFFON CLEANING FLUID



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GUIDELINES

ABS IMPERIAL PRICE REFERENCE

125g TUBE GRIFFON KOLMAT
PVC / ABS THREAD SEAL PASTE



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GLUE BRUSHES



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5 METRE ROLL OF EMERY TAPE
- 80 GRIT



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KOLMAT FIBRE ROLL 12mm x 15
METRES



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GRIFFON SFT-101 REPAIR TAPE
25mm WIDE x 3 METRE ROLL



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12mm WIDE PTFE THREAD SEAL
TAPE



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GRIFFON CABLE SAW



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GRIFFON CHAMFERING TOOL



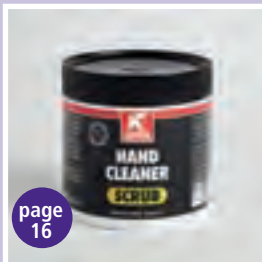
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GRIFFON AQUA-MAX POOL
SEALANT



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GRIFFON HAND CLEANER



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GRIFFON MULTI-FUNCTIONAL
WIPES



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GRIFFON CLEANER CLOTHS



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INDUSTRIAL PIPE CLIP



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GREEN RUBBER LINED PIPE CLIP



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QUICK CLAMP PIPE CLIP



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INDUSTRIAL SPACING BLOCK -
BLACK P/P



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ABS VALVE END PLAIN



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ABS VALVE NUT



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EPDM FULL FACE GASKET



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GALVANISED MILD STEEL
BACKING RING



page 17

GRPP COATED MILD STEEL
BACKING RING



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FASTENER SET



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EPDM STUB GASKET



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EPDM O RINGS TO SUIT ABS
UNIONS



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ABS PRESSURE PIPE

MANUFACTURING STANDARDS

ABS products are generally manufactured in accordance with the following standards:

Primeline Pipe BS5391 Part 1

Fittings BS5392 Part 1

Threaded Fittings BS21, DIN2999, ISO7

Unless otherwise stated ABS Pressure Fittings have the following pressure ratings:

Solvent Weld – 1/2" to 8" = Class E/15 bar

10" = Class D/12 bar

Threaded = Class D/12 bar

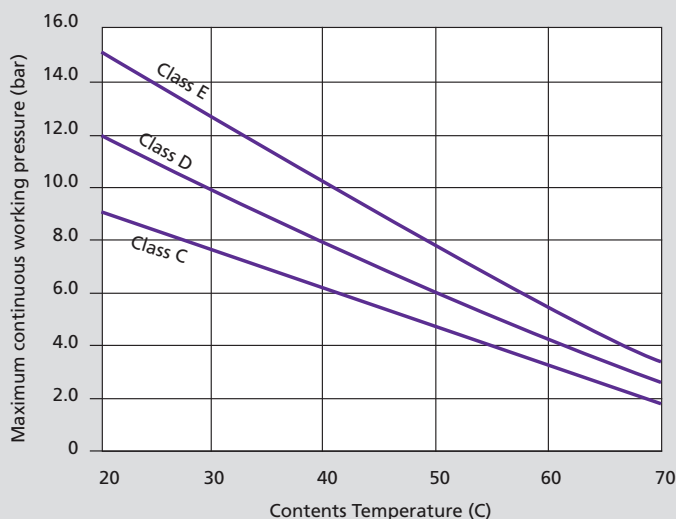
* All quoted at 20°C

ABS SYSTEM PRESSURE / TEMPERATURE RELATIONSHIP

Pressure ratings for plastic pipework systems are always quoted at 20°C, it is a fundamental principle of such systems that if the temperature is increased then the pressure rating must be reduced.

ABS systems should never be used for temperatures in excess of 70°C.

The following chart gives a rough guide as to the pressure/temperature relationship of ABS pipework systems.



In above ground installations it is essential to provide support to ensure that the weight of the pipe and its contents are adequately supported. The following recommended maximum spacings are for ABS pipes operating under the following conditions:

1. Fluid density of not more than 1g/cm³
2. PN15 pipe
3. Horizontal pipe runs

ABS PIPEWORK SUPPORT CENTRES

NOMINAL BORE	20°C 50°C 70°C		
	SPACING GIVEN IN METRES		
3/8"	0.8	0.5	0.4
1/2"	0.9	0.6	0.5
3/4"	1.0	0.7	0.6
1"	1.1	0.8	0.7
1 1/4"	1.2	0.9	0.7
1 1/2"	1.3	1.0	0.7
2"	1.4	1.1	0.8
2 1/2"	1.5	1.2	0.8
3"	1.6	1.2	0.9
4"	1.8	1.3	1.0
5"	2.0	1.5	1.1
6"	2.1	1.6	1.2
8"	2.3	1.8	1.5

FOR VERTICAL PIPE RUNS SPACING SHOULD BE INCREASED BY 50%.

DIMENSIONS IN MM

NOMINAL BORE	MEAN O.D.	NOMINAL BORE	MEAN O.D.
1/2"	21.4	2 1/2"	75.2
3/4"	26.7	3"	88.9
1"	33.6	4"	114.3
1 1/4"	42.2	5"	140.2
1 1/2"	48.3	6"	168.3
2"	60.3	8"	219.1



Our Pipe is sent bagged for protection



UK Wide Next Day Delivery*

epco customers can place orders up to 5pm for next day delivery to most addresses in the UK*

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PIPE IS SUPPLIED PLAIN ENDED

STANDARD PIPE LENGTH SUPPLIED IS 6.0
METRES OR 5.8 METRES

ALL WALL THICKNESSES AND PIPE ID'S ARE
APPROXIMATE VALUES

CLASS C PRIMELINE ABS PRESSURE PIPE TO BS5391 PART 1

SIZE	PART NO	CLASS	METRES	PIPE OD mm	WALL mm	PIPE ID mm	Wt (Kg/m)
1"	011.P.04CPE	C	6.0	33.6	2.0	29.6	0.21
1"	011.P.04CPE.AZ	C	5.8	33.6	2.0	29.6	0.21
1 1/4"	011.P.05CPE	C	6.0	42.2	2.5	37.2	0.32
1 1/4"	011.P.05CPE.AZ	C	5.8	42.2	2.5	37.2	0.32
1 1/2"	011.P.06CPE	C	6.0	48.3	2.8	42.7	0.42
1 1/2"	011.P.06CPE.AZ	C	5.8	48.3	2.8	42.7	0.42
2"	011.P.07CPE	C	6.0	60.3	3.6	53.1	0.67
2"	011.P.07CPE.AZ	C	5.8	60.3	3.6	53.1	0.67
2 1/2"	011.P.08CPE	C	6.0	75.2	5.0	65.2	1.14
2 1/2"	011.P.08CPE.AZ	C	5.8	75.2	5.0	65.2	1.14
3"	011.P.09CPE	C	6.0	88.9	5.2	78.5	1.40
3"	011.P.09CPE.AZ	C	5.8	88.9	5.2	78.5	1.40
4"	011.P.10CPE	C	6.0	114.3	6.6	101.1	2.32
4"	011.P.10CPE.AZ	C	5.8	114.3	6.6	101.1	2.32
5"	011.P.11CPE	C	6.0	140.2	9.3	121.6	3.97
6"	011.P.12CPE	C	6.0	168.3	9.9	148.5	5.12
6"	011.P.12CPE.AZ	C	5.8	168.3	9.9	148.5	5.12
8"	011.P.13CPE	C	6.0	219.1	12.7	193.7	8.57
8"	011.P.13CPE.AZ	C	5.8	219.1	12.7	193.7	8.57

CLASS D PRIMELINE ABS PRESSURE PIPE TO BS5391 PART 1

SIZE	PART NO	CLASS	METRES	PIPE OD mm	WALL mm	PIPE ID mm	Wt (Kg/m)
6"	011.P.12DPE	D	6.0	168.3	12.8	142.7	6.5

CLASS E PRIMELINE ABS PRESSURE PIPE TO BS5391 PART 1

SIZE	PART NO	CLASS	METRES	PIPE OD mm	WALL mm	PIPE ID mm	Wt (Kg/m)
1/2"	011.P.02EPE	E	6.0	21.4	2.0	17.4	0.13
1/2"	011.P.02EPE.AZ	E	5.8	21.4	2.0	17.4	0.13
3/4"	011.P.03EPE	E	6.0	26.7	2.5	21.7	0.20
3/4"	011.P.03EPE.AZ	E	5.8	26.7	2.5	21.7	0.20
1"	011.P.04EPE	E	6.0	33.6	3.1	27.4	0.31
1"	011.P.04EPE.AZ	E	5.8	33.6	3.1	27.4	0.31
1 1/4"	011.P.05EPE	E	6.0	42.2	3.9	34.4	0.49
1 1/4"	011.P.05EPE.AZ	E	5.8	42.2	3.9	34.4	0.49
1 1/2"	011.P.06EPE	E	6.0	48.3	4.5	39.3	0.64
1 1/2"	011.P.06EPE.AZ	E	5.8	48.3	4.5	39.3	0.64
2"	011.P.07EPE	E	6.0	60.3	5.6	49.1	1.00
2"	011.P.07EPE.AZ	E	5.8	60.3	5.6	49.1	1.00
3"	011.P.09EPE	E	6.0	88.9	8.3	72.3	2.16
3"	011.P.09EPE.AZ	E	5.8	88.9	8.3	72.3	2.16
4"	011.P.10EPE	E	6.0	114.3	10.6	93.1	3.59
4"	011.P.10EPE.AZ	E	5.8	114.3	10.6	93.1	3.59

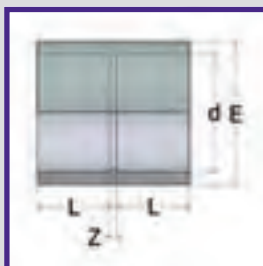
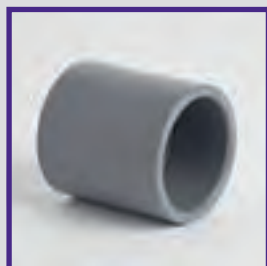
CLASS T PRIMELINE ABS PRESSURE PIPE TO BS5391 PART 1

SIZE	PART NO	CLASS	METRES	PIPE OD mm	WALL mm	PIPE ID mm	Wt (Kg/m)
1/2"	011.P.02TPE	T	6.0	21.4	3.6	14.2	0.22
3/4"	011.P.03TPE	T	6.0	26.7	3.6	19.5	0.28
1"	011.P.04TPE	T	6.0	33.6	4.3	25.0	0.43
1 1/4"	011.P.05TPE	T	6.0	42.2	5.3	31.6	0.65
1 1/2"	011.P.06TPE	T	6.0	48.3	6.0	36.3	0.85
2"	011.P.07TPE	T	6.0	60.3	7.2	45.9	1.28



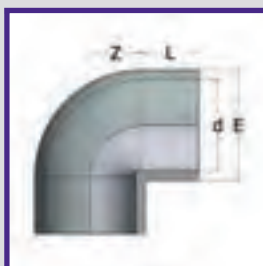
ABS PRESSURE FITTINGS PLAIN

SOCKET



d	PART NO	L	Z	E	Wt (g)	Box
1/2"	011.011.02	16	3	28	10	450
3/4"	011.011.03	19	3	34	16	600
1"	011.011.04	22	3	42	25	350
1 1/4"	011.011.05	26	3	51	42	200
1 1/2"	011.011.06	31	3	61	67	220
2"	011.011.07	38	3	75	126	125
2 1/2"	011.011.08	44	4	88	167	85
3"	011.011.09	51	5	106	279	45
4"	011.011.10	61	6	132	466	27
5"	011.011.11	76	8	161	827	12
6"	011.011.12	88	11	191	1247	6
8"	011.011.13	119	11	258	3160	42

90° ELBOW



d	PART NO	L	Z	E	Wt (g)	Box
1/2"	011.031.02	16	11	26.5	11	400
3/4"	011.031.03	19	14	32.5	18	400
1"	011.031.04	22	17	41	32	220
1 1/4"	011.031.05	26	23	50	54	120
1 1/2"	011.031.06	31	28	60	112	140
2"	011.031.07	38	34	75	214	70
2 1/2"	011.031.08	44	40	89	285	40
3"	011.031.09	51	48	106	492	25
4"	011.031.10	61	58	132	812	14
5"	011.031.11	76	72	168	1525	6
6"	011.031.12	88	85	198	3000	4
8"	011.031.13	119	115	258	6465	20

90° SHORT RADIUS BEND



d	PART NO	L	Z	E	Wt (g)	Box
1/2"	011.051.02	16	40	29	30	350
3/4"	011.051.03	19	50	35	55	180
1"	011.051.04	22	64	43	90	100
1 1/4"	011.051.05	26	80	53	155	50
1 1/2"	011.051.06	31	100	63	245	60
2"	011.051.07	38	126	77	410	30
2 1/2"	011.051.08	44	150	94	780	15
3"	011.051.09	51	180	113	1220	9
4"	011.051.10	61	220	136	2030	6

INCH / METRIC ADAPTOR SOCKET



d1 x d	PART NO	L	L1	Z	E	E1	Wt (g)	Box
1/2" x 20	013.011.02020	16	16	3	28	28	12	450
3/4" x 25	013.011.03025	19	19	3	33	33	19	600
1" x 32	013.011.04032	22	22	3	41	41	28	350
1 1/4" x 40	013.011.05040	26	26	3	50	50	46	200
1 1/2" x 50	013.011.06050	31	31	3	60.5	60.5	63	220
2" x 63	013.011.07063	38	38	3	75	75	122	125
3" x 90	013.011.09090	51	51	5	106	106	283	45
4" x 110	013.011.10110	61	61	6	129	129	514	24
6" x 160	013.011.12160	86	90	8	181	191	1062	6

UK Wide Next Day Delivery*

epco customers can place orders up to 5pm for next day delivery to **most** addresses in the UK*



45° ELBOW



d	PART NO	L	Z	E	Wt (g)	Box
1/2"	011.041.02	16	5.5	28	12	700
3/4"	011.041.03	19	6	34	18	450
1"	011.041.04	22	8	42	31	250
1 1/4"	011.041.05	26	10	51	44	150
1 1/2"	011.041.06	31	12	61	94	170
2"	011.041.07	38	15	75	161	90
2 1/2"	011.041.08	44	18	88	233	50
3"	011.041.09	51	21	106	376	30
4"	011.041.10	61	25	130	557	16
5"	011.041.11	76	32	164	1230	6
6"	011.041.12	86	36	197	2330	4
8"	011.041.13	119	49	258	4600	26

EQUAL TEE



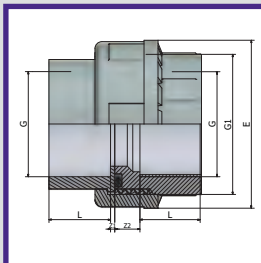
d	PART NO	L	Z	E	Wt (g)	Box
1/2"	011.061.02	16	11	27.5	16	500
3/4"	011.061.03	19	14	33.5	26	280
1"	011.061.04	22	17	42	47	150
1 1/4"	011.061.05	26	21	51	76	80
1 1/2"	011.061.06	31	26	61	153	90
2"	011.061.07	38	33	75	274	50
2 1/2"	011.061.08	44	39	89	373	32
3"	011.061.09	51	47	106	630	20
4"	011.061.10	61	57	132	1083	9
5"	011.061.11	76	71	162.5	1917	4
6"	011.061.12	88	85	198	3720	3
8"	011.061.13	119	114	258	8350	15

Y PIECE / 45° TEE



d	PART NO	L	Z	Z2	E	Wt (g)	Box
1/2"	011.071.02	16	7	29	27.5	22	180
3/4"	011.071.03	19	7	36	33.5	38	90
1"	011.071.04	22	8	44	42	71	50
1 1/4"	011.071.05	26	10	54	50.5	115	50
1 1/2"	011.071.06	31	12	65	61	219	35
2"	011.071.07	38	14	80	74.5	397	18

UNION



G	PART NO	L	Z1	Z2	G1	E	Wt (g)	Box
1/2"	011.021.02	16	3	10	1"	42	31	180
3/4"	011.021.03	19	3	10	1 1/4"	52	50	220
1"	011.021.04	22	3	10	1 1/2"	59	68	150
1 1/4"	011.021.05	26	3	12	2"	72	115	80
1 1/2"	011.021.06	31	3	14	2 1/4"	79	154	120
2"	011.021.07	38	3	18	2 3/4"	96	270	60
2 1/2"*	011.021.08	44	3	18	3 1/2"	119	435	35
3"*	011.021.09	51	5	18	4"	134	582	24
4"*	011.021.10	61	5	18	5"	163	862	12

* PN10 RATED

ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES



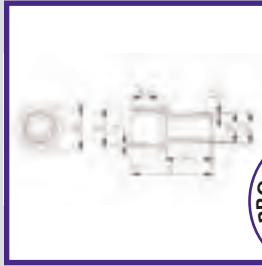
HOSE ADAPTOR – MALE SPIGOT x mm HOSE TAIL



d x d1	PART NO	d	d1	L	H	C	Wt (g)	Box
1/2" x 20	011.261.02020	1/2"	20	16	70	24	17	700
3/4" x 25	011.261.03025	3/4"	25	19	79	27	22	420
1" x 32	011.261.04032	1"	32	22	83	36	37	250
1 1/4" x 40	011.261.05040	1 1/4"	40	26	96	46	55	300
1 1/2" x 50	011.261.06050	1 1/2"	50	31	108	55	103	180
2" x 60	011.261.07060	2"	60	38	130	65	156	100

RANGE OF PP HOSE FITTINGS AVAILABLE SEE PAGE 175

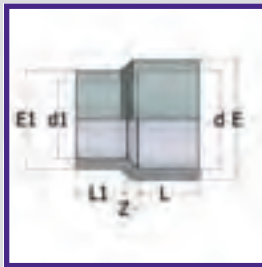
CHALLENGER HOSE ADAPTOR – MALE SPIGOT x mm HOSE TAIL



D x d2	PART NO	L	A	L1	L2	d1	d2	Wt (g)	Box
1/2" x 13	011.261.02013	63	25.5	16.5	40	12.7	13.8	12	1000
3/4" x 19	011.261.03019	68	35	19.5	40	18.5	20	20	1000
1" x 25	011.261.04025	72	40	22.5	41	25	26	39	500



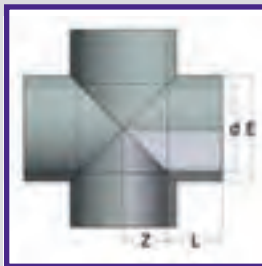
REDUCING SOCKET



d x d1	PART NO	L	L1	Z	E	E1	Wt (g)	Box
3/4" x 1/2"	011.601.0302	19	16	6	34	28	15	250
1" x 3/4"	011.601.0403	22	19	6	42	33	25	160
1 1/4" x 1"	011.601.0504	26	22	6	51	41	38	220
1 1/2" x 1 1/4"	011.601.0605	31	26	6	61	50	64	130
2" x 1 1/2"	011.601.0706	38	31	6	75	60.5	117	80
2 1/2" x 2"	011.601.0807	44	38	6	89	75	154	60
3" x 2 1/2"	011.601.0908	51	44	6	106	88	233	36
4" x 3"	011.601.1009	61	51	6	129	106	404	42
6" x 4" •*	011.601.1210	92	65	60	194	132	1282	8

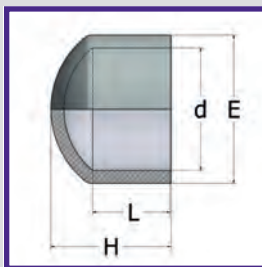
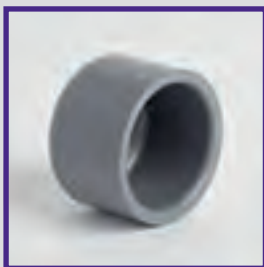
*MAY BE SUBJECT TO MINIMUM ORDER QUANTITIES
PLEASE CONTACT OUR SALES DEPT FOR DETAILS

CROSS



d	PART NO	L	Z	E	Wt (g)	Box
1/2"	011.191.02	16	11	27.5	20	200
3/4"	011.191.03	19	14	33.5	32	100
1"	011.191.04	22	17	42	56	50
1 1/4"	011.191.05	26	21	51	88	60
1 1/2"	011.191.06	31	26	61	180	35
2"	011.191.07	38	33	75	318	20

CAP



d	PART NO	L	H	E	Wt (g)	Box
1/2"	011.221.02	16	27	28	8	750
3/4"	011.221.03	19	31	33	12	400
1"	011.221.04	22	36	41	20	450
1 1/4"	011.221.05	26	43	50	30	300
1 1/2"	011.221.06	31	49	60.5	55	180
2"	011.221.07	38	57	75	96	100
2 1/2"	011.221.08	44	67	89	133	60
3"	011.221.09	51	80	106	228	65
4"	011.221.10	61	95	132	390	40
5"	011.221.11	76	114	161	713	20
6"	011.221.12	88	126	190	990	14
8"	011.221.13	119	145	258	2615	6

UK Wide Next Day Delivery*

• NON COMER PRODUCT



REDUCING BUSH



FIG A

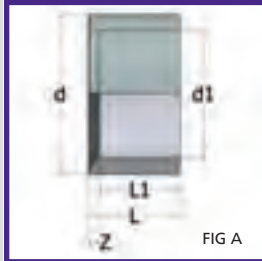


FIG A

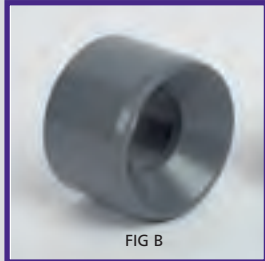


FIG B

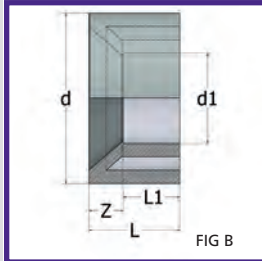
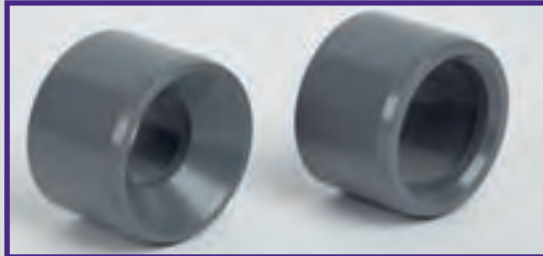
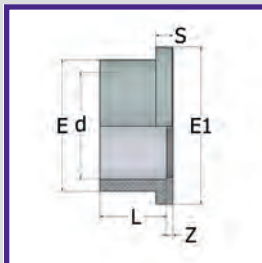


FIG B



d x d1	PART NO	L	L1	Z	FIG	Wt (g)	Box
3/4" x 1/2"	011.091.0302	19	16	3	A	4	1000
1" x 1/2"	011.091.0402	22	16	6	A	12	550
1" x 3/4"	011.091.0403	22	19	3	A	8	550
1 1/4" x 1/2"	011.091.0502	26	16	10	B	23	300
1 1/4" x 3/4"	011.091.0503	26	19	7	A	22	300
1 1/4" x 1"	011.091.0504	26	22	4	A	15	250
1 1/2" x 3/4"	011.091.0603	31	19	12	B	29	350
1 1/2" x 1"	011.091.0604	31	22	9	B	32	350
1 1/2" x 1 1/4"	011.091.0605	31	26	5	A	17	350
2" x 1"	011.091.0704	38	22	16	B	52	180
2" x 1 1/4"	011.091.0705	38	26	12	B	53	180
2" x 1 1/2"	011.091.0706	38	31	7	A	41	180
2 1/2" x 1 1/2"	011.091.0806	44	31	13	B	89	110
2 1/2" x 2"	011.091.0807	44	38	6	A	75	110
3" x 1 1/2"	011.091.0906	51	31	20	B	159	65
3" x 2"	011.091.0907	51	38	13	B	137	65
3" x 2 1/2"	011.091.0908	51	44	7	A	116	65
4" x 2"	011.091.1007	61	38	23	B	205	36
4" x 2 1/2"	011.091.1008	61	44	17	B	266	36
4" x 3"	011.091.1009	61	51	10	A	246	36
5" x 3"	011.091.1109	76	51	25	B	455	40
5" x 4"	011.091.1110	76	61	115	B	410	40
6" x 4"	011.091.1210	86	61	25	B	683	21
8" x 6"	011.091.1312	119	86	33	B	1540	7

STUB FLANGE



d	PART NO	L	Z	S	E	E1	Wt (g)	Box
1/2"	011.111.02	16	3	6	27	34	8	700
3/4"	011.111.03	19	3	7	33	41	11	400
1"	011.111.04	22	3	7	41	50	17	250
1 1/4"	011.111.05	26	3	8	50	61	36	250
1 1/2"	011.111.06	31	3	8	61	73	54	180
2"	011.111.07	38	3	9	76	90	93	90
2 1/2"	011.111.08	44	3	10	90	106	120	120
3"	011.111.09	51	5	11	108	125	204	70
4"	011.111.10	61	5	12	131	150	271	45
5"	011.111.11	76	5	14	165	188	564	20
6"	011.111.12	88	7	14	193	217	821	14
8"	011.111.13	119	7	19	248	274	1573	6

UNIVERSAL DRILLED FULL FACE FLANGE



d	PART NO	L	Z	I	E	S	HOLES	Bolt Dia	Wt (g)	Box
2"	011.141.07-UNIV	38	4.5	125	165	18	4	M16	304	36
2 1/2"	011.141.08-UNIV	44	6	145	185	19	4	M16	391	15
3"	011.141.09-UNIV	51	7	160	200	20	8	M16	548	30
4"	011.141.10-UNIV	61	8	180	220	22	8	M16	650	24
6"	011.141.12-UNIV	92	8	240	285	22	8	M20	1218	6

SUITABLE FOR TABLE D/E, NP10/16 & ASA150 (EXCEPT 4" WHICH IS NOT COMPATIBLE WITH ASA150).
WHILST SUITABLE FOR TABLE D/E & ASA150, 3" HAS 8 HOLES, SAME APPLIES FOR 4" TABLE D.



• NON COMER PRODUCT

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ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES

ABS PRESSURE FITTINGS PLAIN

FULL FACE FLANGE – NP10/16



d	PART NO	L	Z	I	E	S	HOLES	Bolt Dia	Wt (g)	Box
1/2"	011.141.02Z	16	4.5	65	95	11	4	M12	58	100
3/4"	011.141.03Z	19	4.5	75	105	12	4	M12	76	60
1"	011.141.04Z	22	4.5	85	115	14	4	M12	110	50
1 1/4"	011.141.05Z	26	4.5	100	142	15	4	M16	176	50
1 1/2"	011.141.06Z	31	4.5	110	152	16	4	M16	224	48
2"	011.141.07Z	38	4.5	125	165	18	4	M16	304	36
2 1/2"	011.141.08Z	44	6	145	185	19	4	M16	391	15
3"	011.141.09Z	51	7	160	200	20	8	M16	548	30
4"	011.141.10Z	61	8	180	220	22	8	M16	650	24

FULL FACE FLANGE – BS10 TABLES D & E



d	PART NO	L	Z	I	E	S	HOLES	Bolt Dia	Wt (g)	Box
1/2"	011.141.02W	16	4.5	67	95	11	4	M12	58	100
3/4"	011.141.03W	19	4.5	73	105	12	4	M12	76	60
1"	011.141.04W	22	4.5	83	115	14	4	M12	110	50
1 1/4"	011.141.05W	26	4.5	88	142	15	4	M12	176	50
1 1/2"	011.141.06W	31	4.5	98	152	16	4	M12	224	48
2"	011.141.07W	38	4.5	115	165	18	4	M16	304	36
2 1/2"	011.141.08W	44	6	127	185	19	4	M16	391	15
3"	011.141.09W	51	7	146	200	20	4	M16	548	30
4" E	011.141.10W	61	8	178	220	22	8	M16	650	24

BLANK FLANGE – NP10/16



UNIVERSALLY DRILLED ABS BLANK FLANGE AVAILABLE IN 2" – 6"

SIZE	PART NO	E	I	HOLES	Bolt Dia	Wt (g)
1/2"•	011.161.02Z	95	65	4	M12	75
3/4"•	011.161.03Z	105	75	4	M12	100
1"•	011.161.04Z	115	85	4	M12	137
1 1/4"•	011.161.05Z	140	100	4	M16	225
1 1/2"•	011.161.06Z	150	110	4	M16	280
2"•	011.161.07Z	165	125	4	M16	355
2 1/2"•	011.161.08Z	185	145	4	M16	488
3"•	011.161.09Z	200	160	8	M16	640
4"•	011.161.10Z	220	180	8	M16	825
6"•	011.161.12Z	285	240	8	M20	1589

BLANK FLANGE – BS10 TABLES D & E



UNIVERSALLY DRILLED ABS BLANK FLANGE AVAILABLE IN 2" – 6"

SIZE	PART NO	E	I	HOLES	Bolt Dia	Wt (g)
1/2"•	011.161.02W	95	67	4	M12	75
3/4"•	011.161.03W	102	73	4	M12	100
1"•	011.161.04W	114	83	4	M12	137
1 1/4"•	011.161.05W	121	87	4	M12	225
1 1/2"•	011.161.06W	133	98	4	M12	280
2"•	011.161.07W	152	114	4	M16	355
3"•	011.161.09W	184	146	4	M16	640
4" D•	011.161.10V	216	178	4	M16	825
4" E•	011.161.10W	216	178	8	M16	825
6"•	011.161.12W	279	235	8	M20	1589

BLANK FLANGE – ASA 150



UNIVERSALLY DRILLED ABS BLANK FLANGE AVAILABLE IN 2" – 6"

SIZE	PART NO	E	I	HOLES	Bolt Dia	Wt (g)
1/2"•	011.161.02X	89	60	4	M12	75
3/4"•	011.161.03X	98	70	4	M12	100
1"•	011.161.04X	114	79	4	M12	137
1 1/4"•	011.161.05X	117	89	4	M12	225
1 1/2"•	011.161.06X	127	98	4	M12	280
2"•	011.161.07X	152	121	4	M16	355
3"•	011.161.09X	191	152	4	M16	640
4"•	011.161.10X	229	191	8	M16	825
6"•	011.161.12X	279	241	8	M20	1589

• NON COMER PRODUCT

UK Wide Next Day Delivery*

epco customers can place orders up to 5pm for next day delivery to **most** addresses in the UK*

ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

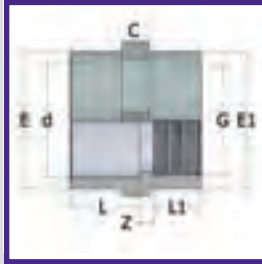
COMPRESSION FITTINGS

GUIDELINES



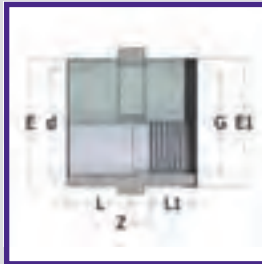
ABS PRESSURE FITTINGS PLAIN / THREADED (BSP)

SOCKET



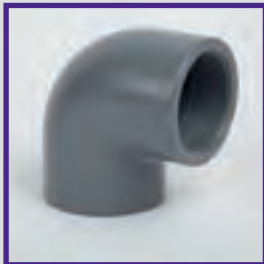
d x G	PART NO	L	L1	Z	E	E1	C	Wt (g)	Box
1/2"	011.012.02	16	15	4	28	28	30	11	350
3/4"	011.012.03	19	16.3	4	34	34	34	16	270
1"	011.012.04	22	19.1	5	42	42	42	24	300
1 1/4"	011.012.05	26	21.4	5	50	50	55	47	180
1 1/2"	011.012.06	31	21.4	5	61	61	65	75	120
2"	011.012.07	38	25.7	5	75	75	75	118	75
2 1/2"	011.012.08	44	30.2	5	88	89	92	161	45
3"	011.012.09	51	33.3	8	106	106	110	261	54
4"	011.012.10	61	39.3	8	132	129	134	382	30

SOCKET – S/S REINFORCED



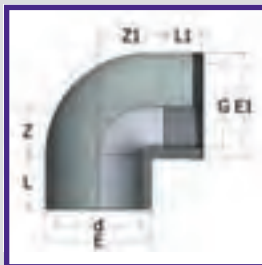
d x G	PART NO	L	L1	Z	E	E1	Wt (g)	Box
1/2"	011.342.02	16	15	4	28	29	16	400
3/4"	011.342.03	19	16.3	6	34	35	24	250
1"	011.342.04	22	19.1	6	42	43	37	300
1 1/4"	011.342.05	26	21.4	8	50.5	51.5	60	170
1 1/2"	011.342.06	31	21.4	13	61	62	97	100
2"	011.342.07	38	25.7	15	75	76	160	75

90° ELBOW



d x G	PART NO	L	L1	Z	Z1	E	Wt (g)	Box
1/2"	011.032.02	16	15	11	12	26.5	11	350
3/4"	011.032.03	19	16.3	14	16	32.5	20	400
1"	011.032.04	22	19.1	17	19.7	41	36	220
1 1/4"	011.032.05	26	21.4	23	24.9	50	54	120
1 1/2"	011.032.06	31	21.4	28	30.6	60	122	140
2"	011.032.07	38	25.7	34	37.6	75	233	70
2 1/2"	011.032.08	44	30.2	40	46.3	89	308	40
3"	011.032.09	51	33.3	48	53.8	106	538	25
4"	011.032.10	61	39.3	58	65.7	129	810	14

90° ELBOW – S/S REINFORCED



d x G	PART NO	L	L1	Z	Z1	E	E1	Wt (g)	Box
1/2"	011.352.02	16	15	11	12	26.5	27.5	15	350
3/4"	011.352.03	19	16.3	14	16.7	32.5	33.5	25	350
1"	011.352.04	22	19.1	17	19.9	41	42	44	200
1 1/4"	011.352.05	26	21.4	21	25.6	50	51	77	110
1 1/2"	011.352.06	31	21.4	26	35.6	60	61	140	125
2"	011.352.07	38	25.7	33	45.3	75	76	250	70

45° ELBOW



d x G	PART NO	L	L1	Z	Z1	E	Wt (g)	Box
1/2"	011.042.02	16	15	5.5	6.5	28	11	800
3/4"	011.042.03	19	16.3	6	8.7	34	19	500
1"	011.042.04	22	19.1	8	10.9	42	31	250
1 1/4"	011.042.05	26	21.4	10	14.6	51	54	150
1 1/2"	011.042.06	31	21.4	12	21.6	61	94	170
2"	011.042.07	38	25.7	15	27.3	75	181	90
2 1/2"	011.042.08	44	30.2	18	31.8	89	275	50
3"	011.042.09	51	33.3	21	38.7	106	410	30
4"	011.042.10	61	39.3	25	46.7	129	770	16



ABS PRESSURE FITTINGS PLAIN / THREADED (BSP)

EQUAL TEE



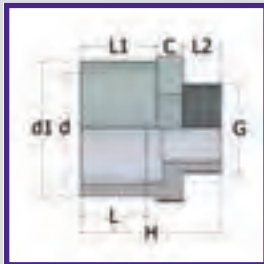
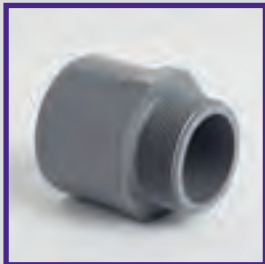
d x G	PART NO	L	L1	Z	Z1	E	Wt (g)	Box
1/2"	011.062.02	16	15	11	12	27.5	19	220
3/4"	011.062.03	19	16.3	14	16	33.5	29	280
1"	011.062.04	22	19.1	17	19.7	42	52	150
1 1/4"	011.062.05	26	21.4	23	19.9	51	80	80
1 1/2"	011.062.06	31	21.4	28	27.6	61	160	90
2"	011.062.07	38	25.7	34	37.6	75	286	50
2 1/2"	011.062.08	44	30.2	40	46.3	89	380	32
3"	011.062.09	51	33.3	48	53.8	106	663	20
4"	011.062.10	61	39.3	58	65.7	132	1094	9

EQUAL TEE – S/S REINFORCED



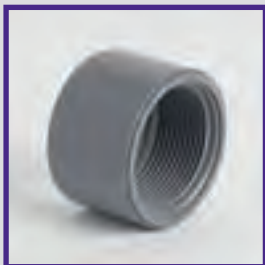
d x G	PART NO	L	L1	Z	Z1	E	E1	Wt (g)	Box
1/2"	011.362.02	16	15	11	12	27.5	28.5	19	220
3/4"	011.362.03	19	16.3	14	16.7	33.5	34.5	32	250
1"	011.362.04	22	19.1	17	19.9	42	43	55	140
1 1/4"	011.362.05	26	21.4	21	25.6	51	52	89	80
1 1/2"	011.362.06	31	21.4	26	35.6	61	62	190	90
2"	011.362.07	38	25.7	33	45.3	75	76	300	50

ADAPTOR – FEMALE PLAIN / MALE PLAIN / MALE THREADED



d x d1 x G	PART NO	L	L1	L2	H	C	Wt (g)	Box
1/2" x 3/4" x 1/2"	011.202.02	16	19	15	46	27	11	400
1/2" x 3/4" x 3/4"	011.202.0203	16	19	16.3	47	30	12	350
3/4" x 1" x 3/4"	011.202.03	19	22	16.3	50	36	20	450
3/4" x 1" x 1"	011.202.0304	19	22	19.1	53	36	22	400
1" x 1 1/4" x 1"	011.202.04	22	26	19.1	57	42	32	270
1" x 1 1/4" x 1 1/4"	011.202.0405	22	26	21.4	60	46	39	200
1 1/4" x 1 1/2" x 1 1/4"	011.202.05	26	31	21.4	66.5	55	46	150
1 1/4" x 1 1/2" x 1 1/2"	011.202.0506	26	31	21.4	66.5	55	48	140
1 1/2" x 2" x 1 1/2"	011.202.06	31	38	21.4	74	65	83	120
1 1/2" x 2" x 2"	011.202.0607	31	38	25.7	78	65	93	170
2" x 2 1/2" x 2"	011.202.07	38	44	25.7	84	75	114	90
2" x 2 1/2" x 2 1/2"	011.202.0708	38	44	30.2	91	80	135	90
2 1/2" x 3" x 2 1/2"	011.202.08	44	51	30.2	99	95	195	45
2 1/2" x 3" x 3"	011.202.0809	44	51	33.3	102	95	206	60
3" x 4" x 3"	011.202.09	53	61	33.3	113	119	434	45
3" x 4" x 4"	011.202.0910	51	61	39.3	118	115	438	36
4" x 5" x 4"	011.202.10	61	69	39.3	120	130	320	30
4" x 5" x 5"	011.202.1011	61	64	43.6	124	140	420	30

REDUCING BUSH



d x G	PART NO	L	L1	Z	Wt (g)	Box
3/8" x 1/4"•	011.092.0100	14	12	2	2	100
1/2" x 1/4"•	011.092.0200	16	14	2	4	100
1/2" x 3/8"•	011.092.0201	16	13.5	2.5	2	100
3/4" x 1/2"	011.092.0302	19	15	4	6	1000
1" x 3/4"	011.092.0403	22	16.3	5.7	9	400
1 1/4" x 1"	011.092.0504	26	19.1	6.9	16	250
1 1/2" x 1 1/4"	011.092.0605	31	21.4	9.6	21	350
2" x 1 1/2"	011.092.0706	38	21.4	16.6	45	180
2 1/2" x 2"	011.092.0807	44	25.7	18.3	83	110
3" x 2 1/2"	011.092.0908	51	30.2	20.8	109	65
4" x 3"	011.092.1009	61	33.3	27.7	274	36

• NON COMER PRODUCT

UK Wide Next Day Delivery*

epco customers can place orders up to 5pm for next day delivery to **most** addresses in the UK*

ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

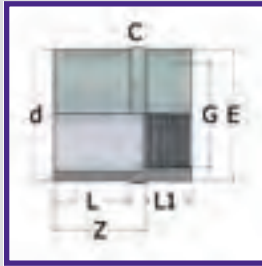
COMPRESSION FITTINGS

GUIDELINES



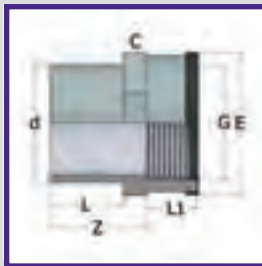
ABS PRESSURE FITTINGS PLAIN / THREADED (BSP)

ADAPTOR – MALE PLAIN / FEMALE THREADED



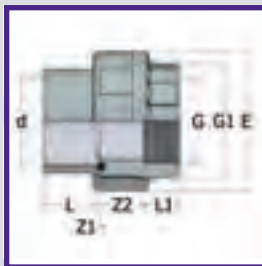
d x G	PART NO	L	L1	E	Z	C	Wt (g)	Box
1/2"	011.212.02	16	15	28	24	30	13	350
1/2" x 3/4"	011.212.0203	16	16.3	34	24	36	18	300
3/4" x 1/2"	011.212.0302	19	15	28	27	30	15	600
3/4"	011.212.03	19	16.3	34	27	36	19	550
3/4" x 1"	011.212.0304	19	19.1	42	27	46	30	350
1" x 3/4"	011.212.0403	22	16.3	34	30	36	21	450
1"	011.212.04	22	19.1	42	30	46	34	280
1 1/4" x 1"	011.212.0504	26	19.1	42	36	46	39	250
1 1/4"	011.212.05	26	21.4	51	36	55	52	180
1 1/2" x 1 1/4"	011.212.0605	31	21.4	51	41	55	48	140
1 1/2"	011.212.06	31	21.4	58	41	65	65	130
1 1/2" x 2"	011.212.0607	31	25.7	75	41	75	95	100
2" x 1 1/2"	011.212.0706	38	21.4	60	49	65	81	90
2"	011.212.07	38	25.7	75	48	75	108	70
2 1/2" x 2"	011.212.0807	44	25.7	75	53	75	120	55
2 1/2"	011.212.08	44	30.2	89	58	90	167	80
2 1/2" x 3"	011.212.0809	44	33.3	103	58	105	240	35
3" x 2 1/2"	011.212.0908	51	30.2	89	65	95	169	54
3"	011.212.09	51	33.3	103	66	105	222	55
3" x 4"	011.212.0910	51	39.3	130	65	130	333	35
4" x 3"	011.212.1009	61	33.3	103	76	130	454	35
4"	011.212.10	61	39.3	130	76	130	401	30

ADAPTOR – S/S REINFORCED – MALE PLAIN / FEMALE THREADED



d x G	PART NO	L	L1	E	Z	C	Wt (g)	Box
1/2"	011.372.02	16	15	29	24	30	19	400
3/4" x 1/2"	011.372.0302	19	15	29	27	30	19	350
3/4"	011.372.03	19	16.3	35	27	36	24	550
1" x 3/4"	011.372.0403	22	16.3	35	30	36	25	400
1"	011.372.04	22	19.1	43	30	46	38	280
1 1/4" x 1"	011.372.0504	26	19.1	43	36	46	50	250
1 1/4"	011.372.05	26	21.4	51.5	36	55	67	180
1 1/2" x 1 1/4"	011.372.0605	31	21.4	51.5	41	55	65	140
1 1/2"	011.372.06	31	21.4	61	41	60	73	110
2" x 1 1/2"	011.372.0706	38	21.4	61	48	75	105	90
2"	011.372.07	38	25.7	76	48	75	115	70

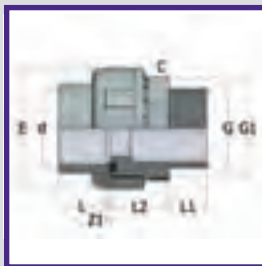
UNION



* PN10 RATED

d x G	PART NO	L	L1	Z1	Z2	G1	E	Wt (g)	Box
1/2"	011.022.02	16	15	3	11	1"	42	31	180
3/4"	011.022.03	19	16.3	3	12.7	1 1/4"	52	51	220
1"	011.022.04	22	19.1	3	12.9	1 1/2"	59	70	150
1 1/4"	011.022.05	26	21.4	3	16.6	2"	72	109	80
1 1/2"	011.022.06	31	21.4	3	23.6	2 1/4"	79	176	60
2"	011.022.07	38	25.7	3	30.3	2 3/4"	96	293	30
2 1/2"*	011.022.08	44	30.2	3	31.8	3 1/2"	119	470	35
3"*	011.022.09	51	33.3	5	35.7	4"	134	610	24
4"*	011.022.10	61	39.3	5	39.7	5"	163	970	12

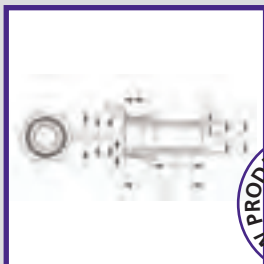
UNION – MALE THREAD ONE END



d x G	PART NO	L	L1	L2	Z1	C	G1	E	Wt (g)	Box
1 1/2"	011.592.06	31	21.4	40	3	65	2 1/4"	79	188	50
1 1/2" x 2"	011.592.0607	31	25.7	40	3	65	2 1/4"	79	192	50
2"	011.592.07	38	25.7	42	3	70	2 3/4"	96	319	30



CHALLENGER HOSE ADAPTOR – MALE BSP x INCH HOSE TAIL



D2 x b	PART NO	L	A	L1	L2	D1	D2	Wt (g)	Box
1/2" x 1/2"	011.262M.0202	60	25.5	13.2	40	12.7	13.8	13	1000
3/4" x 3/4"	011.262M.0303	64	35	16	40	18.5	20	21	1000
1" x 1"	011.262M.0404	68	40	19	41	25	26.6	20	500

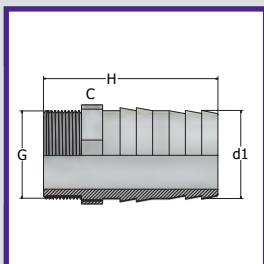
RANGE OF PP HOSE FITTINGS AVAILABLE SEE PAGE 175

HOSE ADAPTOR – FEMALE BSP x mm HOSE TAIL



G x d	PART NO	H	E	Wt (g)	Box
3/4" x 16	011.872.03016	54	34	22	150
1" x 20	011.872.04020	59	42	31	120
1 1/4" x 25	011.872.05025	63	52	47	160
1 1/2" x 30	011.872.06030	68	59	66	120
2" x 40	011.872.07040	77	72	105	60
2 1/4" x 50	011.872.08050	80	79	140	45
2 3/4" x 60	011.872.08060	84	96	215	30

HOSE ADAPTOR – MALE BSP x mm HOSE TAIL



G x d1	PART NO	L	H	C	Wt (g)	Box
1/4" x 12	011.262M.00012	11	52	19	8	700
3/8" x 16	011.262M.01016	11.4	64	19	15	500
1/2" x 20	011.262M.02020	15	70	24	20	700
3/4" x 25	011.262M.03025	16.3	76	30	30	430
1" x 32	011.262M.04032	19.1	80	36	50	250
1 1/4" x 40	011.262M.05040	21.4	92	46	70	300
1 1/2" x 50	011.262M.06050	21.4	99	55	118	200
2" x 60	011.262M.07060	25.7	118	65	190	115

TANK CONNECTOR



D	PART NO	L1	L2	O	Wt (g)	Box
1/2"	011.242.02	77	42	38	31	50
3/4"	011.242.03	77	42	42	37	50
1"	011.242.04	103	55	55	71	25
1 1/4"	011.242.05	121	65	65	112	25
1 1/2"	011.242.06	128	73	72	168	10
2"	011.242.07	154	85	93	317	10
2 1/2"	011.242.08	164	88	106	358	10
3"	011.242.09	202	112	125	674	10
4"	011.242.10	230	130	154	1214	10
6"	011.242.12	280	155	235	4200	1

PP TANK CONNECTOR



D	PART NO	D	E	H	P	L	H1	Wt (g)
1 1/2"	031.242.06	48	80	90	37	56	25	125

• NON COMER PRODUCT

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ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

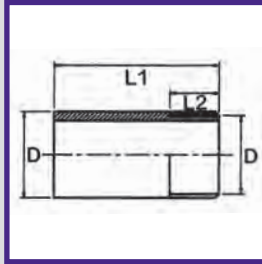
COMPRESSION FITTINGS

GUIDELINES



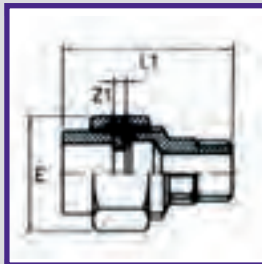
ABS PRESSURE FITTINGS PLAIN / THREADED (BSP)

NIPPLE



D	PART NO	L2	L1	Wt (g)	Box
3/8"	011.252.01	13	42	8	100
1/2"	011.252.02	17	50	14	100
3/4"	011.252.03	19	56	25	100
1"	011.252.04	20	63	38	50
1 1/4"	011.252.05	24	75	52	25
1 1/2"	011.252.06	30	88	80	10
2"	011.252.07	32	88	115	10
2 1/2"	011.252.08	33	106	197	10
3"	011.252.09	39	128	300	10
4"	011.252.10	40	153	560	10

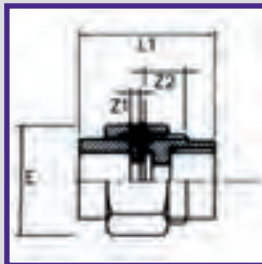
COMPOSITE UNION – MALE BRASS



SIZE	PART NO	E	L1	Z1	Wt (g)
1/2"	011.762.02	44	56	3	175
3/4"	011.762.03	46	64	3	210
1"	011.762.04	55	68	9	318
1 1/4"	011.762.05	65	84	10	435
1 1/2"	011.762.06	72	86	12	516
2"	011.762.07	88	95	14	768
2 1/2"	011.762.08	108	114	18	1400
3"	011.762.09	122	130	18	1860

PLEASE NOTE: FOR CONNECTING PLASTIC PIPEWORK SYSTEMS TO METAL PIPEWORK SYSTEMS COMPOSITE UNIONS AND/OR FLANGES MUST BE USED

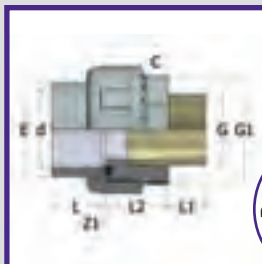
COMPOSITE UNION – FEMALE BRASS



SIZE	PART NO	E	L1	Z1	Z2	Wt (g)
1/2"	011.752.02	44	43	3	9	175
3/4"	011.752.03	46	48	3	10	186
1"	011.752.04	55	54	9	11	290
1 1/4"	011.752.05	65	63	10	11	365
1 1/2"	011.752.06	72	65	12	12	465
2"	011.752.07	88	78	14	14	680
2 1/2"	011.752.08	108	87	14	18	1220
3"	011.752.09	122	105	16	18	1610

PLEASE NOTE: FOR CONNECTING PLASTIC PIPEWORK SYSTEMS TO METAL PIPEWORK SYSTEMS COMPOSITE UNIONS AND/OR FLANGES MUST BE USED

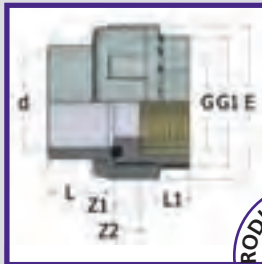
COMPOSITE UNION – MALE BRASS WITH ABS NUT



d x G	PART NO	L	L1	L2	Z1	C	G1	E	O-R	Wt (g)	Box
1 1/2"	011.762.06	31	21,4	40	3	65	2 1/4"	79	6187	341	30
2"	011.762.07	38	25,7	42	3	70	2 3/4"	96	6237	535	12



COMPOSITE UNION – FEMALE BRASS WITH ABS NUT



d x G	PART NO	L	L1	L2	Z1	C	G1	E	O-R	Wt (g)	Box
1 1/2"	011.752.06	31	21,4	40	3	55,4	2 1/4"	79	6187	250	30
2"	011.752.07	38	25,7	42	3	66,7	2 3/4"	96	6237	374	12

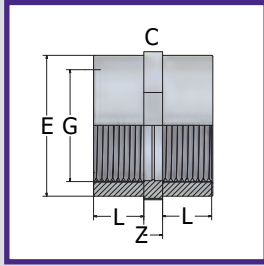


• NON COMER PRODUCT



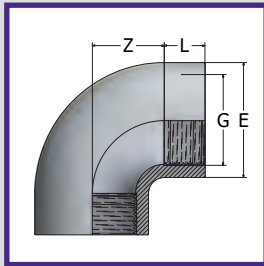
ABS PRESSURE FITTINGS THREADED (BSP)

SOCKET



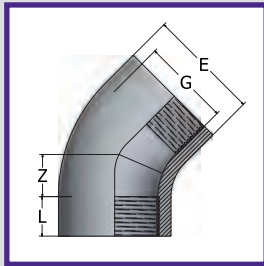
G	PART NO	L	Z	E	C	Wt (g)	Box
3/8"	011.013.01	11.4	6	23.5	24	8	600
1/2"	011.013.02	15	7	27	30	11	350
3/4"	011.013.03	16.3	7	33	36	16	500
1"	011.013.04	19.1	8	42	46	24	300
1 1/4"	011.013.05	21.4	8	50.5	55	47	180
1 1/2"	011.013.06	21.4	8	57.5	60	75	160
2"	011.013.07	25.7	8	71.5	75	118	85
2 1/2"	011.013.08	30.2	9	88	90	161	48
3"	011.013.09	33.3	10	102	105	261	60
4"	011.013.10	39.3	11	129	130	382	38

90° ELBOW



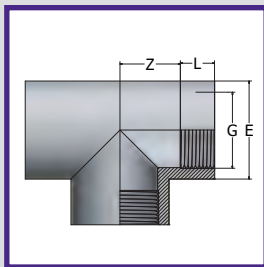
G	PART NO	L	Z	E	Wt (g)	Box
3/8"	011.033.01	11.4	11.6	23.5	10	450
1/2"	011.033.02	15	12	26.5	11	300
3/4"	011.033.03	16.3	16.7	32.5	20	350
1"	011.033.04	19.1	19.9	41	36	200
1 1/4"	011.033.05	21.4	27.6	50	54	120
1 1/2"	011.033.06	21.4	37.6	60	122	140
2"	011.033.07	25.7	46.3	75	233	70
2 1/2"	011.033.08	30.2	53.8	89	308	40
3"	011.033.09	33.3	65.7	106	538	25
4"	011.033.10	39.3	79.7	129	810	14

45° ELBOW



G	PART NO	L	Z	E	Wt (g)	Box
3/8"	011.043.01	11.4	8.1	23.5	9	500
1/2"	011.043.02	15	6.5	28	14	700
3/4"	011.043.03	16.3	8.7	34	22	400
1"	011.043.04	19.1	10.9	42	39	250
1 1/4"	011.043.05	21.4	14.6	51	58	150
1 1/2"	011.043.06	21.4	21.6	61	110	170
2"	011.043.07	25.7	27.3	75	191	90
2 1/2"	011.043.08	30.2	31.8	89	254	50
3"	011.043.09	33.3	38.7	106	446	30
4"	011.043.10	39.3	46.7	128	665	16

EQUAL TEE



G	PART NO	L	Z	E	Wt (g)	Box
3/8"	011.063.01	11.4	11.6	23.5	14	300
1/2"	011.063.02	15	12	27	19	450
3/4"	011.063.03	16.3	16.7	33.5	29	250
1"	011.063.04	19.1	19.9	42	52	130
1 1/4"	011.063.05	21.4	27.6	51	80	80
1 1/2"	011.063.06	21.4	37.6	61	160	90
2"	011.063.07	25.7	46.3	75	286	50
2 1/2"	011.063.08	30.2	53.8	89	380	32
3"	011.063.09	33.3	65.7	106	663	20
4"	011.063.10	39.3	79.7	129	1094	10

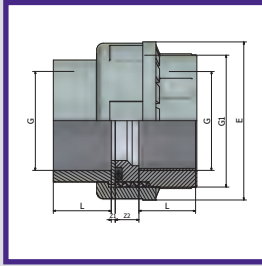
UK Wide Next Day Delivery*

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ABS PRESSURE FITTINGS THREADED (BSP)

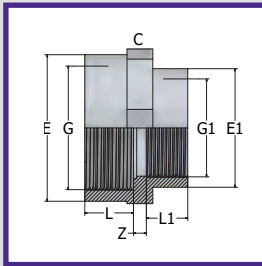
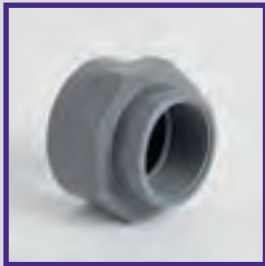
UNION



G	PART NO	L	Z1	Z2	G1	E	Wt (g)	Box
3/8"	011.023.01	11.4	5.6	12.6	3/4"	67	29	200
1/2"	011.023.02	15	4	11	1"	42	31	180
3/4"	011.023.03	16.3	5.7	12.7	1 1/4"	52	51	220
1"	011.023.04	19.1	5.9	12.9	1 1/2"	59	70	130
1 1/4"	011.023.05	21.4	7.6	16.6	2"	72	109	80
1 1/2"	011.023.06	21.4	12.6	23.6	2 1/4"	79	176	60
2"	011.023.07	25.7	15.3	30.3	3 3/4"	96	293	30
2 1/2"*	011.023.08	30.2	16.8	31.8	3 1/2"	119	470	35
3"*	011.023.09	33.3	22.7	35.7	4"	134	610	24
4"*	011.023.10	39.3	26.7	39.7	5"	163	970	12

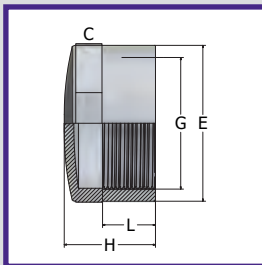
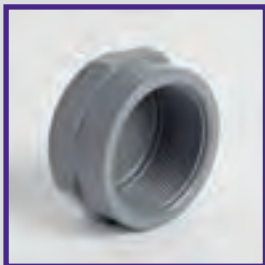
* PN10 RATED

REDUCING SOCKET



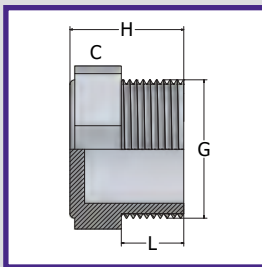
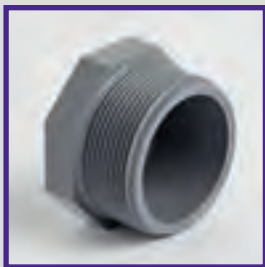
G x G1	PART NO	L	L1	Z	C	E	E1	Wt (g)	Box
1/2" x 3/8"	011.603.0201	15	11.4	6	24	28	23	14	400
3/4" x 1/2"	011.603.0302	16.3	15	7	30	34	28	20	550
1" x 3/4"	011.603.0403	19.1	16.3	7	36	42	34	34	300
1 1/4" x 1"	011.603.0504	21.4	19.1	8	46	51	42	48	200
1 1/2" x 1 1/4"	011.603.0605	21.4	21.4	8	55	58	51	55	160
2" x 1 1/2"	011.603.0706	25.7	21.4	8	60	72	58	92	100
2 1/2" x 2"	011.603.0807	30.2	25.7	8	75	89	72	150	60
3" x 2 1/2"	011.603.0908	33.3	30.2	9	105	103	89	206	35
4" x 3"	011.603.1009	39.3	33.3	10	130	130	103	324	24

THREADED CAP



G	PART NO	L	H	C	E	Wt (g)	Box
3/8"	011.223.01	11.4	22	24	23	7	800
1/2"	011.223.02	15	26	30	28	12	450
3/4"	011.223.03	16.3	28	36	34	17	280
1"	011.223.04	19.1	32	46	42	30	180
1 1/4"	011.223.05	21.4	35	55	51	44	120
1 1/2"	011.223.06	21.4	35	60	58	52	210
2"	011.223.07	25.7	39	75	72	93	125
2 1/2"	011.223.08	30.2	52	90	89	144	65
3"	011.223.09	33.3	56	105	103	210	45
4"	011.223.10	39.3	64	130	130	318	30

PLUG

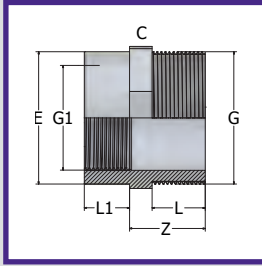


G	PART NO	L	H	C	Wt (g)	Box
3/8"	011.233.01	11.4	23	19	5	1200
1/2"	011.233.02	15	29	24	9	600
3/4"	011.233.03	16.3	30	30	13	430
1"	011.233.04	19.1	33	36	19	300
1 1/4"	011.233.05	21.4	39	46	34	350
1 1/2"	011.233.06	21.4	39	55	36	280
2"	011.233.07	25.7	43	65	66	160
2 1/2"	011.233.08	30.2	53	80	108	80
3"	011.233.09	33.3	58	95	163	60
4"	011.233.10	39.3	65	120	255	30



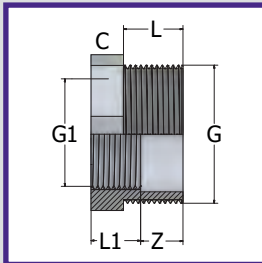
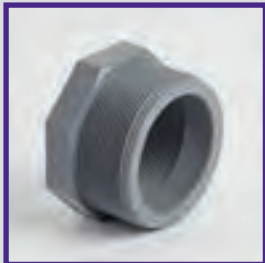
ABS PRESSURE FITTINGS THREADED (BSP)

REDUCING BUSH – LONG PATTERN



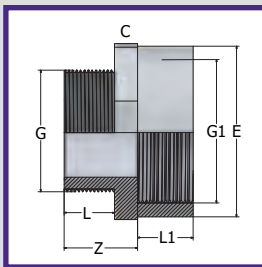
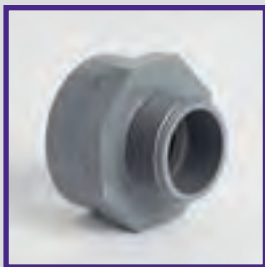
G x G1	PART NO	L	L1	Z	C	E	Wt (g)	Box
1/2" x 3/8"	011.613.0201	15	11.4	24	24	23	9	450
3/4" x 3/8"	011.613.0301	16.3	11.4	25	30	23	12	350
3/4" x 1/2"	011.613.0302	16.3	15	26	30	28	16	320
1" x 3/8"	011.613.0401	19.1	11.4	28	36	23	19	270
1" x 1/2"	011.613.0402	19.1	15	29	36	28	20	220
1" x 3/4"	011.613.0403	19.1	16.3	30	36	34	20	450
1 1/4" x 1/2"	011.613.0502	21.4	15	33	46	28	31	300
1 1/4" x 3/4"	011.613.0503	21.4	16.3	34	46	34	32	280
1 1/4" x 1"	011.613.0504	21.4	19.1	33	46	42	34	260
1 1/2" x 3/4"	011.613.0603	21.4	16.3	34	50	34	45	220
1 1/2" x 1"	011.613.0604	21.4	19.1	34	50	42	43	200
1 1/2" x 1 1/4"	011.613.0605	21.4	21.4	34	55	51	45	180
2" x 1"	011.613.0704	25.7	19.1	37	65	42	72	120
2" x 1 1/4"	011.613.0705	25.7	21.4	37	65	51	71	110
2" x 1 1/2"	011.613.0706	25.7	21.4	37	65	58	72	110
2 1/2" x 1 1/4"	011.613.0805	30.2	21.4	43	80	51	106	85
2 1/2" x 1 1/2"	011.613.0806	30.2	21.4	43	80	58	105	85
2 1/2" x 2"	011.613.0807	30.2	25.7	43	80	72	107	60
3" x 1 1/2"	011.613.0906	33.3	21.4	47	95	58	147	60
3" x 2"	011.613.0907	33.3	25.7	47	95	72	155	60
3" x 2 1/2"	011.613.0908	33.3	30.2	47	95	89	161	45
4" x 2"	011.613.1007	39.3	25.7	53	120	72	250	30
4" x 2 1/2"	011.613.1008	39.3	30.2	53	120	89	265	30
4" x 3"	011.613.1009	39.3	33.3	53	120	103	270	45

REDUCING BUSH – SHORT PATTERN



G x G1	PART NO	L	L1	Z	C	Wt (g)	Box
3/4" x 1/2"	011.093.0302	16.3	15	13.3	30	10	450
1" x 3/4"	011.093.0403	19.1	16.3	14.8	36	15	300
1 1/4" x 1"	011.093.0504	21.4	19.1	16.3	46	27	350
1 1/2" x 1 1/4"	011.093.0605	21.4	21.4	14	50	30	300
2" x 1 1/2"	011.093.0706	25.7	21.4	18.3	65	55	160
2 1/2" x 2"	011.093.0807	30.2	25.7	20.5	80	100	90
3" x 2 1/2"	011.093.0908	33.3	30.2	20.1	95	117	60
4" x 3"	011.093.1009	39.3	33.3	24	120	280	30

REDUCING PIECE – MALE / FEMALE



G x G1	PART NO	L	L1	Z	C	E	Wt (g)	Box
3/8" x 1/2"	011.293.0201	11.4	15	22	30	28	8	400
1/2" x 3/4"	011.293.0302	15	16.3	24	36	34	13	280
3/4" x 1"	011.293.0403	16.3	19.1	26	46	42	19	150
1" x 1 1/4"	011.293.0504	19.1	21.4	30	55	51	31	220
1 1/4" x 1 1/2"	011.293.0605	21.4	21.4	33	60	58	36	150
1 1/2" x 2"	011.293.0706	21.4	25.7	34	75	72	65	140
2" x 2 1/2"	011.293.0807	25.7	30.2	38	90	89	105	72
2 1/2" x 3"	011.293.0908	30.2	33.3	44	105	103	153	45
3" x 4"	011.293.1009	33.3	39.3	48	130	130	268	24

UK Wide Next Day Delivery*

epco customers can place orders up to 5pm for next day delivery to **most** addresses in the UK*

ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

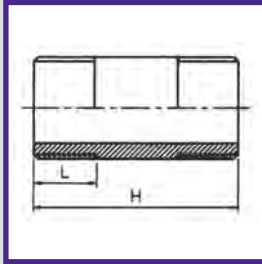
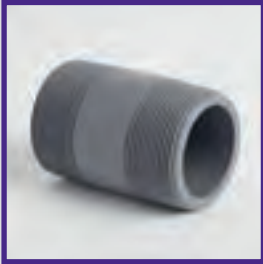
COMPRESSION FITTINGS

GUIDELINES



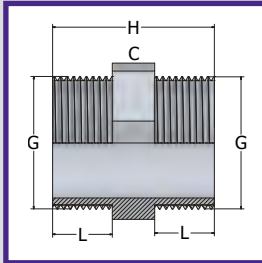
ABS PRESSURE FITTINGS THREADED (BSP)

NIPPLE



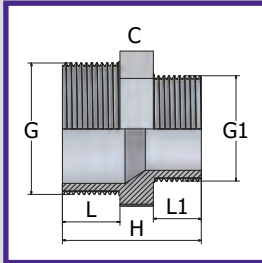
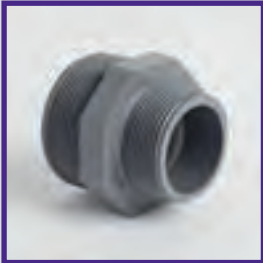
SIZE	PART NO	L	H	Wt (g)	Box
1/4"•	011.253.00	11	38	4	100
3/8"•	011.253.01	12	43	6	100
1/2"•	011.253.02	16	50	10	100
3/4"•	011.253.03	18	55	15	100
1"•	011.253.04	20	63	25	50
1 1/4"•	011.253.05	23	75	50	25
1 1/2"•	011.253.06	28	88	72	10
2"•	011.253.07	29	88	109	10
2 1/2"•	011.253.08	30	106	115	10
3"•	011.253.09	36	128	268	10
4"•	011.253.10	38	153	520	10

HEXAGON NIPPLE



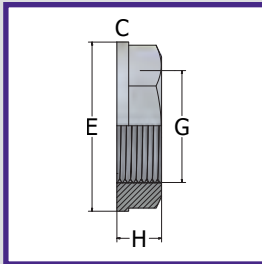
G	PART NO	L	H	C	Wt (g)	Box
3/8"	011.273.01	11.4	31.7	19	5	900
1/2"	011.273.02	15	42	24	9	500
3/4"	011.273.03	16.3	44	30	15	700
1"	011.273.04	19.1	50	36	23	450
1 1/4"	011.273.05	21.4	58	46	38	240
1 1/2"	011.273.06	21.4	58	50	41	160
2"	011.273.07	25.7	66	65	83	200
2 1/2"	011.273.08	30.2	78	80	120	60
3"	011.273.09	33.3	85	95	176	70
4"	011.273.10	39.3	96	120	270	40

REDUCING NIPPLE



G x G1	PART NO	L	L1	H	C	Wt (g)	Box
1/2" x 3/8"	011.283.0201	15	11.4	38	24	7	550
3/4" x 1/2"	011.283.0302	16.3	15	43	30	12	350
1" x 3/4"	011.283.0403	19.1	16.3	47	36	20	450
1 1/4" x 1"	011.283.0504	21.4	19.1	56	46	35	270
1 1/2" x 1 1/4"	011.283.0605	21.4	21.4	58	50	40	180
2" x 1 1/2"	011.283.0706	25.7	21.4	62	65	70	110
2 1/2" x 2"	011.283.0807	30.2	25.7	73	80	110	80
3" x 2 1/2"	011.283.0908	33.3	30.2	82	95	165	35
4" x 3"	011.283.1009	39.3	33.3	90	120	270	24

BACKNUT



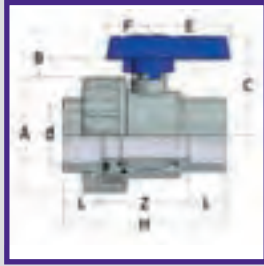
G	PART NO	E	H	C	Wt (g)	Box
3/8"•	011.323.01	34	12	24	8	1200
1/2"•	011.323.02	38	13	29	9	800
3/4"•	011.323.03	43	14	34	10	1250
1"•	011.323.04	56	16	46	21	600
1 1/4"•	011.323.05	65	18	50	24	450
1 1/2"•	011.323.06	72	19	60	36	300
2"•	011.323.07	94	21	80	70	150
2 1/2"•	011.323.08	115	24	94	74	120
3"•	011.323.09	130	27	108	105	80
4"•	011.323.10	162	30	135	150	90

• NON COMER PRODUCT



ABS MANUAL VALVES

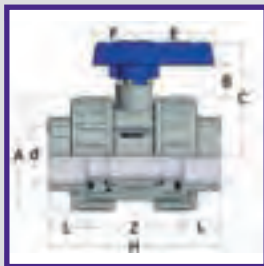
STANDARD BALL VALVE – SINGLE UNION – PTFE SEAT – EPDM SEALS – PLAIN ENDS



d	PART NO	L	Z	H	A	B	C	E	F	PN	Wt (g)	Box
3/8"	011.82S1.01Q	14	44	72	50	10	58	39	21	15	80	60
1/2"	011.82S1.02Q	16	44	76	50	10	58	39	21	15	88	60
3/4"	011.82S1.03Q	19	52	90	60	11	65	47	24	15	136	90
1"	011.82S1.04Q	22	58	102	68	13	75	55	27	15	200	60
1 1/4"	011.82S1.05Q	26	66	118	80	18	75	60	30	15	296	35
1 1/2"	011.82S1.06Q	31	74	136	96	20	87	68	35	15	448	24
2"	011.82S1.07Q	38	92	168	116	20	101	80	40	15	784	12
2 1/2"	011.82S1.08Q	44	126	214	145	25	123	90	45	10	1460	4
3"	011.82S1.09Q	51	138	240	166	28	138	100	50	10	2320	3
4"	011.82S1.10Q	61	153	275	210	28	160	120	60	10	3832	2

NEW VALVE HANDLE DESIGN GRADUALLY BEING INTRODUCED

STANDARD BALL VALVE – DOUBLE UNION – PTFE SEAT – EPDM SEALS – PLAIN ENDS



d	PART NO	L	Z	H	A	B	C	E	F	PN	Wt (g)	Box
3/8"	011.66S1.01Q	14	53	81	50	10	58	39	21	15	112	60
1/2"	011.66S1.02Q	16	49	81	50	10	58	39	21	15	104	60
3/4"	011.66S1.03Q	19	56	94	60	11	65	47	24	15	160	36
1"	011.66S1.04Q	22	63	107	68	13	75	55	27	15	245	50
1 1/4"	011.66S1.05Q	26	72	124	80	18	75	60	30	15	360	30
1 1/2"	011.66S1.06Q	31	84	144	96	20	87	68	35	15	574	20
2"	011.66S1.07Q	38	94	170	116	20	101	80	40	15	945	12
2 1/2"	011.66S1.08Q	44	130	218	145	25	123	90	45	10	1770	5
3"	011.66S1.09Q	51	148	250	166	28	138	100	50	10	2784	3
4"	011.66S1.10Q	61	168	290	210	28	160	120	60	10	4590	2

NEW VALVE HANDLE DESIGN GRADUALLY BEING INTRODUCED

INDUSTRIAL BALL VALVE – DOUBLE UNION – PTFE SEAT – EPDM SEALS – PLAIN ENDS



d	PART NO	L	Z	H	A	B	C	E	F	PN	Wt (g)	Box
3/8"	011.66I1.01Q	14	74	102	50	10	54	39	19	15	145	50
1/2"	011.66I1.02Q	16	70	102	50	10	54	39	19	15	135	50
3/4"	011.66I1.03Q	19	82	120	60	11	64	47	22	15	212	32
1"	011.66I1.04Q	22	86	130	68	13	74	55	25	15	301	22
1 1/4"	011.66I1.05Q	26	97	149	80	18	87	60	30	15	436	27
1 1/2"	011.66I1.06Q	31	103	165	96	20	100	68	35	15	708	18
2"	011.66I1.07Q	38	123	199	116	20	118	80	40	15	1152	10
2 1/2"	011.66I1.08Q	44	130	218	145	25	150	90	45	10	1840	2
3"	011.66I1.09Q	51	148	250	166	28	175	100	50	10	2924	2
4"	011.66I1.10Q	61	168	290	210	28	200	120	60	10	4800	2

INDUSTRIAL BALL VALVE – DOUBLE UNION – PTFE SEAT – FPM SEALS – PLAIN ENDS



d	PART NO	L	Z	H	A	B	C	E	F	PN	Wt (g)	Box
3/8"	011.66I1.01R	14	74	102	50	10	54	39	19	15	145	50
1/2"	011.66I1.02R	16	70	102	50	10	54	39	19	15	135	50
3/4"	011.66I1.03R	19	82	120	60	11	64	47	22	15	212	32
1"	011.66I1.04R	22	86	130	68	13	74	55	25	15	301	22
1 1/4"	011.66I1.05R	26	97	149	80	18	87	60	30	15	436	27
1 1/2"	011.66I1.06R	31	103	165	96	20	100	68	35	15	708	18
2"	011.66I1.07R	38	123	199	116	20	118	80	40	15	1152	10
2 1/2"	011.66I1.08R	44	130	218	145	25	150	90	45	10	1840	2
3"	011.66I1.09R	51	148	250	166	28	175	100	50	10	2924	2
4"	011.66I1.10R	61	168	290	210	28	200	120	60	10	4800	2

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epco customers can place orders up to 5pm for next day delivery to most addresses in the UK*

ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES



BRASS BALL VALVE



BSP FEMALE THREADED ENDS

PLEASE NOTE - COLOUR OF LEVER HANDLE MAY DIFFER FROM THE ABOVE IMAGES

SIZE	PART NO
1/4"•	4101-00
3/8"•	4101-01
1/2"•	4101-02
3/4"•	4101-03
1"•	4101-04
1 1/4"•	4101-05
1 1/2"•	4101-06
2"•	4101-07

BRASS BALL VALVE – LOCKABLE



BSP FEMALE THREADED ENDS

SIZE	PART NO
1/4"•	2312-00
3/8"•	2312-01
1/2"•	2312-02
3/4"•	2312-03
1"•	2312-04
1 1/4"•	2312-05
1 1/2"•	2312-06
2"•	2312-07
2 1/2"•	2312-08
3"•	2312-09
4"•	2312-10

BRASS GATE VALVE



BSP FEMALE THREADED ENDS

SIZE	PART NO
1/4"•	2015-00
3/8"•	2015-01
1/2"•	2015-02
3/4"•	2015-03
1"•	2015-04
1 1/4"•	2015-05
1 1/2"•	2015-06
2"•	2015-07
2 1/2"•	2015-08
3"•	2015-09
4"•	2015-10

BRASS SWING CHECK VALVE – METAL SEAT



BSP FEMALE THREADED ENDS

SIZE	PART NO
3/8"•	2250-01
1/2"•	2250-02
3/4"•	2250-03
1"•	2250-04
1 1/4"•	2250-05
1 1/2"•	2250-06
2"•	2250-07
2 1/2"•	2250-08
3"•	2250-09
4"•	2250-10

ABS BALL VALVE SPARES

EPDM SEAL KIT



FOR INDUSTRIAL BALL VALVES ONLY

SIZE	PART NO
3/8"	BIG/E016
1/2"	BIG/E020
3/4"	BIG/E025
1"	BIG/E032
1 1/4"	BIG/E040
1 1/2"	BIG/E050
2"	BIG/E063
2 1/2"	BIG/E075
3"	BIG/E090
4"	BIG/E110

FPM SEAL KIT



FOR INDUSTRIAL BALL VALVES ONLY

SIZE	PART NO
3/8"	BIG/F016
1/2"	BIG/F020
3/4"	BIG/F025
1"	BIG/F032
1 1/4"	BIG/F040
1 1/2"	BIG/F050
2"	BIG/F063
2 1/2"	BIG/F075
3"	BIG/F090
4"	BIG/F110

BLUE VALVE HANDLE



NEW VALVE HANDLE DESIGN GRADUALLY BEING INTRODUCED

• NON COMER PRODUCT

SIZE	PART NO
3/8" – 1/2"	BDH.020-BLUE
3/4"	BDH.025-BLUE
1"	BDH.032-BLUE
1 1/4"	BDH.040-BLUE
1 1/2"	BDH.050-BLUE
2"	BDH.063-BLUE
2 1/2"	BDH.075-BLUE
3"	BDH.090-BLUE
4"	BDH.110-BLUE

ORANGE VALVE HANDLE



SPARE IMPERIAL VALVE PLAIN ENDS AND THREADED NUTS AVAILABLE SEE PAGE 44

• THE ABOVE SPARES ARE FOR COMER VALVES ONLY

SIZE	PART NO
3/8" – 1/2"	BDH.020
3/4"	BDH.025
1"	BDH.032
1 1/4"	BDH.040
1 1/2"	BDH.050
2"	BDH.063
2 1/2"	BDH.075
3"	BDH.090
4"	BDH.110



INDUSTRIAL EPDM DIAPHRAGM VALVE HANDWHEEL OPERATED



UNION ENDS, FPM DIAPHRAGM AVAILABLE – PRICES ON APPLICATION

SIZE	PART NO	DIA. SIZE
1/2"•	011.681.02Q	3/4"
3/4"•	011.681.03Q	3/4"
1"•	011.681.04Q	3/4"
1 1/4"•	011.681.05Q	1"
1 1/2"•	011.681.06Q	1 1/2"
2"•	011.681.07Q	1 1/2"
2 1/2"•	011.681.08Q	2"
3"•	011.681.09Q	3"
4"•	011.681.10Q	4"

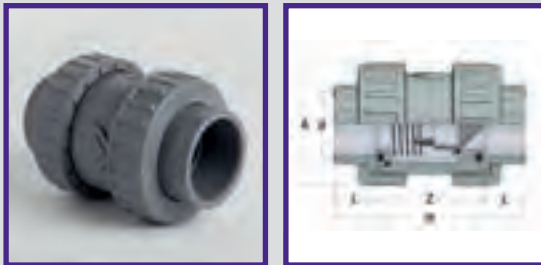
INDUSTRIAL PTFE / EPDM DIAPHRAGM VALVE HANDWHEEL OPERATED



UNION ENDS, FPM DIAPHRAGM AVAILABLE – PRICES ON APPLICATION

SIZE	PART NO	DIA. SIZE
1/2"•	011.681.02S	3/4"
3/4"•	011.681.03S	3/4"
1"•	011.681.04S	3/4"
1 1/4"•	011.681.05S	1"
1 1/2"•	011.681.06S	1 1/2"
2"•	011.681.07S	1 1/2"
2 1/2"•	011.681.08S	2"
3"•	011.681.09S	3"
4"•	011.681.10S	4"

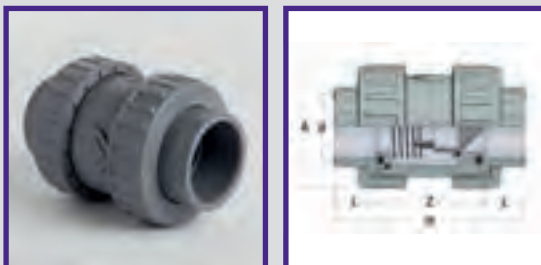
STANDARD SPRING CHECK NON RETURN VALVE – DOUBLE UNION – STAINLESS STEEL SPRING – EPDM SEALS – PLAIN ENDS



DETAILS FOR CHECK VALVE WITH PTFE COATED STAINLESS STEEL SPRING ARE AVAILABLE ON REQUEST

d	PART NO	L	Z	H	A	PN	Wt (g)	Box
3/8"	011.671.01Q	14	53	81	50	15	96	50
1/2"	011.671.02Q	16	49	81	50	15	87	50
3/4"	011.671.03Q	19	56	94	60	15	135	32
1"	011.671.04Q	22	63	107	68	15	196	22
1 1/4"	011.671.05Q	26	72	124	80	15	290	27
1 1/2"	011.671.06Q	31	84	146	96	15	476	18
2"	011.671.07Q	38	94	170	116	15	777	10
2 1/2"	011.671.08Q	44	130	218	145	10	1392	5
3"	011.671.09Q	51	148	250	166	10	2248	3
4"	011.671.10Q	61	168	290	210	10	3752	2

STANDARD SPRING CHECK NON RETURN VALVE – DOUBLE UNION – STAINLESS STEEL SPRING – FPM SEALS – PLAIN ENDS



DETAILS FOR CHECK VALVE WITH PTFE COATED STAINLESS STEEL SPRING ARE AVAILABLE ON REQUEST

d	PART NO	L	Z	H	A	PN	Wt (g)	Box
3/8"	011.671.01R	14	53	81	50	15	96	50
1/2"	011.671.02R	16	49	81	50	15	87	50
3/4"	011.671.03R	19	56	94	60	15	135	32
1"	011.671.04R	22	63	107	68	15	196	22
1 1/4"	011.671.05R	26	72	124	80	15	290	27
1 1/2"	011.671.06R	31	84	146	96	15	476	18
2"	011.671.07R	38	94	170	116	15	777	10
2 1/2"	011.671.08R	44	130	218	145	10	1392	5
3"	011.671.09R	51	148	250	166	10	2248	3
4"	011.671.10R	61	168	290	210	10	3752	2

• NON COMER PRODUCT

UK Wide Next Day Delivery*

epco customers can place orders up to 5pm for next day delivery to **most** addresses in the UK*

ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES



STANDARD AIR RELEASE VALVE – DOUBLE UNION – EPDM SEALS – PLAIN ENDS



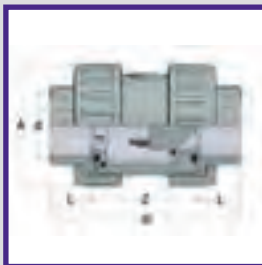
d	PART NO	L	Z	H	A	PN	Wt (g)	Box
3/8"	011.67A1.01Q	14	53	81	50	15	68	50
1/2"	011.67A1.02Q	16	49	81	50	15	68	50
3/4"	011.67A1.03Q	19	56	94	60	15	112	32
1"	011.67A1.04Q	22	63	107	68	15	192	22
1 1/4"	011.67A1.05Q	26	72	124	80	15	316	27
1 1/2"	011.67A1.06Q	31	84	146	96	15	536	18
2"	011.67A1.07Q	38	94	170	116	15	904	10
2 1/2"	011.67A1.08Q	44	130	218	145	10	1392	2
3"	011.67A1.09Q	51	148	250	166	10	2248	2
4"	011.67A1.10Q	61	168	290	210	10	3752	2

STANDARD AIR RELEASE VALVE – DOUBLE UNION – FPM SEALS – PLAIN ENDS



d	PART NO	L	Z	H	A	PN	Wt (g)	Box
3/8"	011.67A1.01R	14	53	81	50	15	68	50
1/2"	011.67A1.02R	16	49	81	50	15	68	50
3/4"	011.67A1.03R	19	56	94	60	15	112	32
1"	011.67A1.04R	22	63	107	68	15	192	22
1 1/4"	011.67A1.05R	26	72	124	80	15	316	27
1 1/2"	011.67A1.06R	31	84	146	96	15	536	18
2"	011.67A1.07R	38	94	170	116	15	904	10
2 1/2"	011.67A1.08R	44	130	218	145	10	1392	2
3"	011.67A1.09R	51	148	250	166	10	2248	2
4"	011.67A1.10R	61	168	290	210	10	3752	2

STANDARD FOOT VALVE – DOUBLE UNION – EPDM SEALS – PLAIN ENDS



d	PART NO	L	Z	H	A	PN	Wt (g)	Box
3/8"	011.67F1.01Q	14	53	81	50	15	76	50
1/2"	011.67F1.02Q	16	49	81	50	15	76	50
3/4"	011.67F1.03Q	19	56	94	60	15	120	32
1"	011.67F1.04Q	22	63	107	68	15	208	22
1 1/4"	011.67F1.05Q	26	72	124	80	15	368	27
1 1/2"	011.67F1.06Q	31	84	146	96	15	624	18
2"	011.67F1.07Q	38	94	170	116	15	1080	10
2 1/2"	011.67F1.08Q	44	130	218	145	10	1392	2
3"	011.67F1.09Q	51	148	250	166	10	2248	2
4"	011.67F1.10Q	61	168	290	210	10	3752	2

STANDARD FOOT VALVE – DOUBLE UNION – FPM SEALS – PLAIN ENDS



d	PART NO	L	Z	H	A	PN	Wt (g)	Box
3/8"	011.67F1.01R	14	53	81	50	15	76	50
1/2"	011.67F1.02R	16	49	81	50	15	76	50
3/4"	011.67F1.03R	19	56	94	60	15	120	32
1"	011.67F1.04R	22	63	107	68	15	208	22
1 1/4"	011.67F1.05R	26	72	124	80	15	368	27
1 1/2"	011.67F1.06R	31	84	146	96	15	624	18
2"	011.67F1.07R	38	94	170	116	15	1080	10
2 1/2"	011.67F1.08R	44	130	218	145	10	1392	2
3"	011.67F1.09R	51	148	250	166	10	2248	2
4"	011.67F1.10R	61	168	290	210	10	3752	2



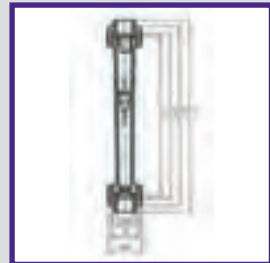
ABS VARIABLE AREA FLOWMETERS

VARIABLE AREA FLOWMETER – STANDARD PATTERN – TROGAMID TUBE – STAINLESS STEEL FLOAT – EPDM SEALS



SIZE	PART NO	SCALE	G	D	L1	L2	L3	L4	Wt (g)
3/4"•	011.1161.03A	20-250 L/HR	1 1/4"	53	350	356	375	394	450
3/4"•	011.1161.03B	40-400 L/HR	1 1/4"	53	350	356	375	394	450
3/4"•	011.1161.03C	60-640 L/HR	1 1/4"	53	350	356	375	394	450
3/4"•	011.1161.03D	75-1000 L/HR	1 1/4"	53	350	356	375	394	440
1"•	011.1161.04A	40-400 L/HR	1 1/2"	60	350	356	376	400	620
1"•	011.1161.04B	60-640 L/HR	1 1/2"	60	350	356	376	400	610
1"•	011.1161.04C	100-1000 L/HR	1 1/2"	60	350	356	376	400	600
1"•	011.1161.04D	150-1600 L/HR	1 1/2"	60	350	356	376	400	590
1 1/4"•	011.1161.05A	150-1600 L/HR	2"	74	350	356	380	408	1110
1 1/4"•	011.1161.05B	200-2500 L/HR	2"	74	350	356	380	408	1090
1 1/4"•	011.1161.05C	400-4000 L/HR	2"	74	350	356	380	408	1070
1 1/2"•	011.1161.06A	200-2500 L/HR	2 1/4"	83	350	356	382	418	1420
1 1/2"•	011.1161.06B	400-4000 L/HR	2 1/4"	83	350	356	382	418	1390
1 1/2"•	011.1161.06C	500-5000 L/HR	2 1/4"	83	350	356	382	418	1380
2"•	011.1161.07A	0.4-4.0 M/HR	2 3/4"	103	350	356	386	433	2000
2"•	011.1161.07B	0.6-6.4 M/HR	2 3/4"	103	350	356	386	433	1970
2"•	011.1161.07C	1.0-10.0 M/HR	2 3/4"	103	350	356	386	433	1920
2 1/2"•	011.1161.08A	1.5-14.0 M/HR	3 1/2"	122	350	356	388	445	3310
2 1/2"•	011.1161.08B	2.0-20.0 M/HR	3 1/2"	122	350	356	388	445	3310

OPTIONAL ITEMS ON REQUEST: POLYSULFONE TUBE, PP FLOAT, MAGNETIC FLOAT, SWITCHES, SENSORS, SPECIAL SCALES



VARIABLE AREA FLOWMETER – SHORT PATTERN – TROGAMID TUBE – STAINLESS STEEL FLOAT – EPDM SEALS



SIZE	PART NO	SCALE	G	D	L1	L2	L3	L4	Wt (g)
3/8"•	011.1171.01A	4-40 L/HR	3/4"	35	165	171	186	199	80
3/8"•	011.1171.01B	5-60 L/HR	3/4"	35	165	171	186	199	80
3/8"•	011.1171.01C	10-100 L/HR	3/4"	35	165	171	186	199	80
3/8"•	011.1171.01D	15-160 L/HR	3/4"	35	165	171	186	199	80
3/8"•	011.1171.01E	20-250 L/HR	3/4"	35	165	171	186	199	80
1/2"•	011.1171.02A	10-100 L/HR	1"	43	170	176	192	208	130
1/2"•	011.1171.02B	15-160 L/HR	1"	43	170	176	192	208	130
1/2"•	011.1171.02C	20-250 L/HR	1"	43	170	176	192	208	130
1/2"•	011.1171.02D	40-400 L/HR	1"	43	170	176	192	208	130
1/2"•	011.1171.02E	50-500 L/HR	1"	43	170	176	192	208	130
3/4"•	011.1171.03A	20-250 L/HR	1 1/4"	53	185	191	210	229	240
3/4"•	011.1171.03B	40-400 L/HR	1 1/4"	53	185	191	210	229	240
3/4"•	011.1171.03C	60-600 L/HR	1 1/4"	53	185	191	210	229	240
3/4"•	011.1171.03D	100-1000 L/HR	1 1/4"	53	185	191	210	229	240
1"•	011.1171.04A	40-400 L/HR	1 1/2"	59	200	206	226	250	340
1"•	011.1171.04B	50-650 L/HR	1 1/2"	59	200	206	226	250	340
1"•	011.1171.04C	100-1000 L/HR	1 1/2"	59	200	206	226	250	340
1"•	011.1171.04D	150-1600 L/HR	1 1/2"	59	200	206	226	250	340

OPTIONAL ITEMS ON REQUEST: POLYSULFONE TUBE, PP FLOAT, MAGNETIC FLOAT, SPECIAL SCALES.



• NON COMER PRODUCT

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ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES





ELECTRICALLY ACTUATED BALL VALVE

EPDM SEALS – PLAIN ENDS – 110-240V AC

d	PART NO
3/8"	011.6611.EAJ.01Q
1/2"	011.6611.EAJ.02Q
3/4"	011.6611.EAJ.03Q
1"	011.6611.EAJ.04Q
1 1/4"	011.6611.EAJ.05Q
1 1/2"	011.6611.EAJ.06Q
2"	011.6611.EAJ.07Q
2 1/2"	011.6611.EAJ.08Q
3"	011.6611.EAJ.09Q
4"	011.6611.EAJ.10Q

EPDM SEALS – PLAIN ENDS- 24V AC/DC

d	PART NO
3/8"	011.6611.EAC.01Q
1/2"	011.6611.EAC.02Q
3/4"	011.6611.EAC.03Q
1"	011.6611.EAC.04Q
1 1/4"	011.6611.EAC.05Q
1 1/2"	011.6611.EAC.06Q
2"	011.6611.EAC.07Q
2 1/2"	011.6611.EAC.08Q
3"	011.6611.EAC.09Q
4"	011.6611.EAC.10Q

FPM SEALS – PLAIN ENDS – 110-240V AC

d	PART NO
3/8"	011.6611.EAJ.01R
1/2"	011.6611.EAJ.02R
3/4"	011.6611.EAJ.03R
1"	011.6611.EAJ.04R
1 1/4"	011.6611.EAJ.05R
1 1/2"	011.6611.EAJ.06R
2"	011.6611.EAJ.07R
2 1/2"	011.6611.EAJ.08R
3"	011.6611.EAJ.09R
4"	011.6611.EAJ.10R

FPM SEALS – PLAIN ENDS – 24V AC/DC

d	PART NO
3/8"	011.6611.EAC.01R
1/2"	011.6611.EAC.02R
3/4"	011.6611.EAC.03R
1"	011.6611.EAC.04R
1 1/4"	011.6611.EAC.05R
1 1/2"	011.6611.EAC.06R
2"	011.6611.EAC.07R
2 1/2"	011.6611.EAC.08R
3"	011.6611.EAC.09R
4"	011.6611.EAC.10R

OPTIONAL ITEMS ON REQUEST: FAILSAFE BATTERY SPRING RETURN KIT, MODULATING DIGITAL POSITIONING SYSTEM KIT



ABS ACTUATED VALVES

ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES



PNEUMATICALLY ACTUATED BALL VALVE – SPRING RETURN ACTUATOR

EPDM SEALS – PLAIN ENDS – FAIL SAFE CLOSE

d	PART NO
3/8"	011.6611.PANC.01Q
1/2"	011.6611.PANC.02Q
3/4"	011.6611.PANC.03Q
1"	011.6611.PANC.04Q
1 1/4"	011.6611.PANC.05Q
1 1/2"	011.6611.PANC.06Q
2"	011.6611.PANC.07Q
2 1/2"	011.6611.PANC.08Q
3"	011.6611.PANC.09Q
4"	011.6611.PANC.10Q

EPDM SEALS – PLAIN ENDS – FAIL SAFE OPEN

d	PART NO
3/8"	011.6611.PANO.01Q
1/2"	011.6611.PANO.02Q
3/4"	011.6611.PANO.03Q
1"	011.6611.PANO.04Q
1 1/4"	011.6611.PANO.05Q
1 1/2"	011.6611.PANO.06Q
2"	011.6611.PANO.07Q
2 1/2"	011.6611.PANO.08Q
3"	011.6611.PANO.09Q
4"	011.6611.PANO.10Q

FPM SEALS – PLAIN ENDS – FAIL SAFE CLOSE

d	PART NO
3/8"	011.6611.PANC.01R
1/2"	011.6611.PANC.02R
3/4"	011.6611.PANC.03R
1"	011.6611.PANC.04R
1 1/4"	011.6611.PANC.05R
1 1/2"	011.6611.PANC.06R
2"	011.6611.PANC.07R
2 1/2"	011.6611.PANC.08R
3"	011.6611.PANC.09R
4"	011.6611.PANC.10R

FPM SEALS – PLAIN ENDS – FAIL SAFE OPEN

d	PART NO
3/8"	011.6611.PANO.01R
1/2"	011.6611.PANO.02R
3/4"	011.6611.PANO.03R
1"	011.6611.PANO.04R
1 1/4"	011.6611.PANO.05R
1 1/2"	011.6611.PANO.06R
2"	011.6611.PANO.07R
2 1/2"	011.6611.PANO.08R
3"	011.6611.PANO.09R
4"	011.6611.PANO.10R

OPTIONAL ITEMS ON REQUEST: LIMIT SWITCHBOXES, POSITIONERS, PILOT SOLENOIDS FOR HAZARDOUS AREA ITEMS PLEASE CONTACT OUR SALES DEPT

UK Wide Next Day Delivery*

epco customers can place orders up to 5pm for next day delivery to most addresses in the UK*





PNEUMATICALLY ACTUATED BALL VALVE – DOUBLE ACTING ACTUATOR

EPDM SEALS – PLAIN ENDS

d	PART NO
3/8"	011.6611.PADA.01Q
1/2"	011.6611.PADA.02Q
3/4"	011.6611.PADA.03Q
1"	011.6611.PADA.04Q
1 1/4"	011.6611.PADA.05Q
1 1/2"	011.6611.PADA.06Q
2"	011.6611.PADA.07Q
2 1/2"	011.6611.PADA.08Q
3"	011.6611.PADA.09Q
4"	011.6611.PADA.10Q

FPM SEALS – PLAIN ENDS

d	PART NO
3/8"	011.6611.PADA.01R
1/2"	011.6611.PADA.02R
3/4"	011.6611.PADA.03R
1"	011.6611.PADA.04R
1 1/4"	011.6611.PADA.05R
1 1/2"	011.6611.PADA.06R
2"	011.6611.PADA.07R
2 1/2"	011.6611.PADA.08R
3"	011.6611.PADA.09R
4"	011.6611.PADA.10R

OPTIONAL ITEMS ON REQUEST: LIMIT SWITCHBOXES, POSITIONERS, PILOT SOLENOIDS FOR HAZARDOUS AREA ITEMS PLEASE CONTACT OUR SALES DEPT

ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES



ABS ACTUATED VALVES

ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES



PNEUMATICALLY ACTUATED DIAPHRAGM VALVE
– SPRING RETURN ACTUATOR

EPDM DIAPHRAGM – SPIGOT ENDS – FAIL SAFE CLOSED

d	PART NO
1/2"•	011.681.PANC.02Q
3/4"•	011.681.PANC.03Q
1"•	011.681.PANC.04Q
1 1/4"•	011.681.PANC.05Q
1 1/2"•	011.681.PANC.06Q
2"•	011.681.PANC.07Q
2 1/2"•	011.681.PANC.08Q
3"•	011.681.PANC.09Q
4"•	011.681.PANC.10Q

FPM DIAPHRAGM AVAILABLE
PRICES ON APPLICATION

PTFE / EPDM DIAPHRAGM – SPIGOT ENDS – FAIL SAFE CLOSED

d	PART NO
1/2"•	011.681.PANC.02S
3/4"•	011.681.PANC.03S
1"•	011.681.PANC.04S
1 1/4"•	011.681.PANC.05S
1 1/2"•	011.681.PANC.06S
2"•	011.681.PANC.07S
2 1/2"•	011.681.PANC.08S
3"•	011.681.PANC.09S
4"•	011.681.PANC.10S

FPM DIAPHRAGM AVAILABLE
PRICES ON APPLICATION

EPDM DIAPHRAGM – SPIGOT ENDS – FAIL SAFE OPEN

d	PART NO
1/2"•	011.681.PANO.02Q
3/4"•	011.681.PANO.03Q
1"•	011.681.PANO.04Q
1 1/4"•	011.681.PANO.05Q
1 1/2"•	011.681.PANO.06Q
2"•	011.681.PANO.07Q
2 1/2"•	011.681.PANO.08Q
3"•	011.681.PANO.09Q
4"•	011.681.PANO.10Q

PTFE/EPDM DIAPHRAGM
AVAILABLE PRICES ON
APPLICATION

PTFE / EPDM DIAPHRAGM – SPIGOT ENDS – FAIL SAFE OPEN

d	PART NO
1/2"•	011.681.PANO.02S
3/4"•	011.681.PANO.03S
1"•	011.681.PANO.04S
1 1/4"•	011.681.PANO.05S
1 1/2"•	011.681.PANO.06S
2"•	011.681.PANO.07S
2 1/2"•	011.681.PANO.08S
3"•	011.681.PANO.09S
4"•	011.681.PANO.10S

PTFE/EPDM DIAPHRAGM
AVAILABLE PRICES ON
APPLICATION

• NON COMER PRODUCT



PNEUMATICALLY ACTUATED DIAPHRAGM VALVE
– DOUBLE ACTING ACTUATOR

EPDM DIAPHRAGM – SPIGOT ENDS

d	PART NO
1/2"•	011.681.PADA.02Q
3/4"•	011.681.PADA.03Q
1"•	011.681.PADA.04Q
1 1/4"•	011.681.PADA.05Q
1 1/2"•	011.681.PADA.06Q
2"•	011.681.PADA.07Q
2 1/2"•	011.681.PADA.08Q
3"•	011.681.PADA.09Q
4"•	011.681.PADA.10Q

PTFE / EPDM DIAPHRAGM – SPIGOT ENDS

d	PART NO
1/2"•	011.681.PADA.02S
3/4"•	011.681.PADA.03S
1"•	011.681.PADA.04S
1 1/4"•	011.681.PADA.05S
1 1/2"•	011.681.PADA.06S
2"•	011.681.PADA.07S
2 1/2"•	011.681.PADA.08S
3"•	011.681.PADA.09S
4"•	011.681.PADA.10S

NOTE: THE VALVES HAVE THE FOLLOWING DIAPHRAGM SIZES:
1/2" TO 1" VALVES – 3/4" DIAPHRAGM
1 1/4" VALVES – 1" DIAPHRAGM
1 1/2" TO 2" VALVES – 1 1/2" DIAPHRAGM
2 1/2" VALVE – 2" DIAPHRAGM
3" VALVE – 3" DIAPHRAGM
4" VALVE – 4" DIAPHRAGM

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GRIFFON – B-25 ABS CEMENT

SIZE	PART NO	Box
500ml*	96.E105080	12
500ml=	96.E105081	12

* WITH SPECIAL BRUSH
= WITH TT CLOSURE



GRIFFON CLEANING FLUID

SIZE	PART NO	Box
500ml	96.E200021	12
5000ml	96.E200035	1



**125g TUBE GRIFFON KOLMAT
PVC / ABS THREAD SEAL PASTE**

SIZE	PART NO	Box
125g	96.E6300213	6



GLUE BRUSHES

SIZE	PART NO	Box
4mm	96.49.004R	10
8mm	96.49.008R	10
1/2"	96.49.015F	10
1"	96.49.025F	10
1 1/2"	96.49.040F	20
2"	96.49.050F	10
3"	96.49.080F	10



**5 METRE ROLL OF
EMERY TAPE – 80 GRIT**

SIZE	PART NO	Box
38mm wide	96.51.08015	6



**KOLMAT FIBRE ROLL
12mm x 15 METRES**

SIZE	PART NO	Box
12mm	96.E6300531	30



**GRIFFON SFT-101 REPAIR
TAPE 25mm WIDE x 3
METRE ROLL**

SIZE	PART NO	Box
25mm	96.E631114	12



**12mm WIDE PTFE
THREAD SEAL TAPE**

SIZE	PART NO	Box
12mm	96.50.0012	250



GRIFFON CABLE SAW

SIZE	PART NO	Box
90cm	96.E6307762	6



GRIFFON CHAMFERING TOOL

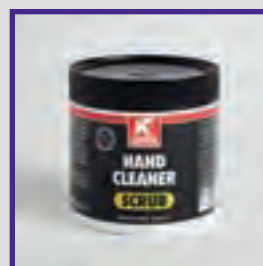
SIZE	PART NO	Box
1/2" – 2"	96.E6307771	6

FOR SIZES 3/4" AND 1 1/4" THE NEXT
SIZE INSERT NEEDS TO BE USED IE 3/4" –
32mm, 1 1/4" – 50mm



**GRIFFON AQUA-MAX POOL
SEALANT**

SIZE	PART NO	Box
425g	96.E6308214	12



GRIFFON HAND CLEANER

SIZE	PART NO	Box
500ml	96.E6307283	12



ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES



GRIFFON MULTI-FUNCTIONAL WIPES

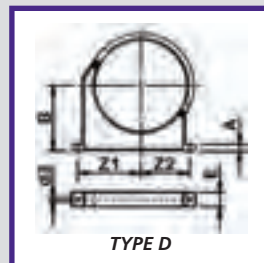
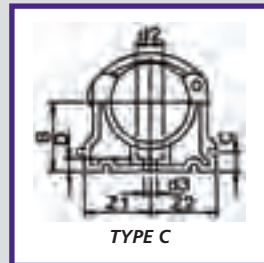
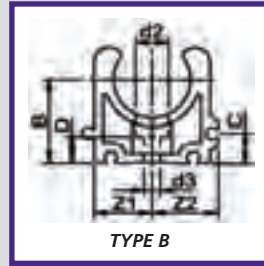
SIZE	PART NO	Box
1 x 75	96.E6307282	6



GRIFFON CLEANER CLOTHS

SIZE	PART NO	Box
1 x 100	96.E6307417	6

INDUSTRIAL PIPE CLIP – BLACK P/P

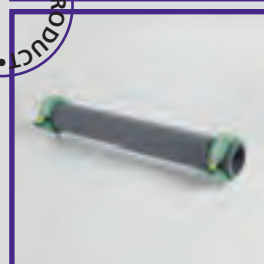
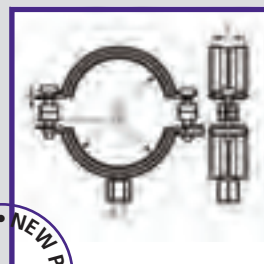


SIZE	PART NO	TYPE	D2	D3	Z1	Z2	B	C	D	E	Wt (g)	Box
3/8"	961.41.01	B	10.5	5.5	14	16.5	23.5	10	6	16	6	400
1/2"	961.41.02	B	10.5	5.5	16.5	19	23.5	10	6	16	8	400
3/4"	961.41.03	B	10.5	5.5	19	21.5	28.5	10	6	16	10	800
1"	961.41.04	B	10.5	5.5	24	26.5	32	10	6	16	12	600
1 1/4"	961.41.05	C	14	6.5	33.5	33.5	36	10	6.5	22	26	250
1 1/2"	961.41.06	C	14	6.5	37	37	39	10	6.5	22	29	250
2"	961.41.07	C	17	8.5	44.5	44.5	50	10	10	25	48	150
2 1/2"	961.41.08	C	17	8.5	52	52	57.5	10	10	25	73	80
3"	961.41.09	C	17	8.5	64.5	64.5	65	10	10	28	107	60
4"	961.41.10	C	17	8.5	78	78	82	10	10	28	120	50
5"	961.41.11	C	17	8.5	109	109	110	10	10	35	270	20
6"	961.41.12	D			11	136	111	147	20	35	360	20
8"	961.41.13	D			13	165	135	177	25	40	560	10

SIZES 1/4" TO 1" INCLUSIVE ARE NOT SUPPLIED WITH RETAINING STRAPS
SIZES 5" TO 8" INCLUSIVE ARE SUPPLIED COMPLETE WITH STRAP AND BZP STRAP BOLT

THIS PRODUCT IS DESIGNED FOR USE WITH OUR INDUSTRIAL SPACING BLOCK PAGE 44 PRODUCT CODE 961.42

GREEN RUBBER LINED PIPE CLIP



SIZE	PART NO	mm	b x s (mm)	TAPPED	Box
3/8"	962.123.016	16	20 x 1,25	M8/M10	50
1/2"	962.123.020	20	20 x 1,25	M8/M10	50
3/4"	962.123.025	25	20 x 1,25	M8/M10	50
1"	962.123.032	32	20 x 1,25	M8/M10	50
1 1/4"	962.123.040	40	20 x 1,25	M8/M10	50
1 1/2"	962.123.050	50	20 x 1,25	M8/M10	50
2"	962.123.063	63	20 x 1,25	M8/M10	50
2 1/2"	962.123.075	75	20 x 1,25	M8/M10	50
3"	962.123.090	90	23 x 2,00	M8/M10	25

UK Wide Next Day Delivery*

epco customers can place orders up to 5pm for next day delivery to most addresses in the UK*



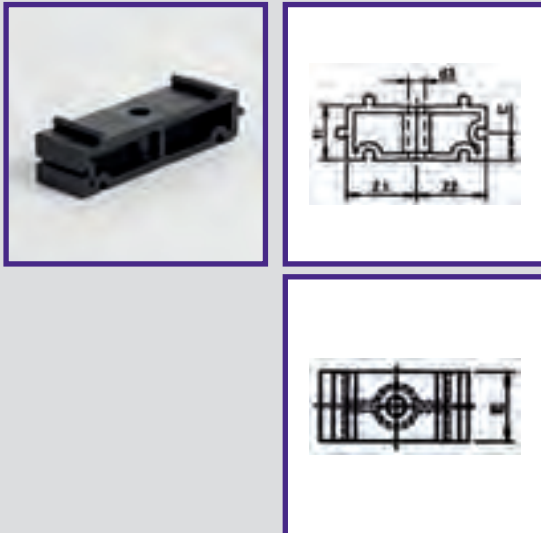
QUICK CLAMP PIPE CLIP



D	PART NO	o.d.	DN	B (mm)	H (mm)	h (mm)
3/8"	961.47.01	16-20	10	29	40	26
1/2"	961.47.02	20-23	15	29	44	27
3/4"	961.47.03	24-28	20	40	50	31
1"	961.47.04	32-35	25	43	57	34
1 1/4"	961.47.05	40-44	32	52	70	42
1 1/2"	961.47.06	48-55	40	63	81	47
2"	961.47.07	59-65	50	74	94	55

D	PART NO	o.d.	d1 (mm)	d2 (mm)	h2 (mm)
2 1/2"	961.47.08	71-76	10.5	13 x 8.3	28
3"	961.47.09	88-93	13.0	13 x 8.3	32
4"	961.47.10	109-115	13.0	15 x 10.5	35

INDUSTRIAL SPACING BLOCK – BLACK P/P



SIZE	PART NO	d3	Z1	Z2	H	C	E	Wt (g)	Box
3/8"	961.42.01	5.5	14	16.5	20	10	16	4.5	400
1/2"	961.42.02	5.5	16.5	19	20	10	16	5	400
3/4"	961.42.03	5.5	19	21.5	20	10	16	6	800
1"	961.42.04	5.5	24	26.5	20	10	16	8	600
1 1/4"	961.42.05	6.5	33.5	33.5	20	10	22	16	250
1 1/2"	961.42.06	6.5	37	37	20	10	22	17	250
2"	961.42.07	8.5	44.5	44.5	20	10	25	24	150
2 1/2"	961.42.08	8.5	52	52	20	10	25	28	80
3"	961.42.09	8.5	64.5	64.5	20	10	28	42	100
4"	961.42.10	8.5	78	78	20	10	28	49	80

THIS PRODUCT IS DESIGNED FOR USE WITH OUR INDUSTRIAL PIPE CLIP PAGE 43 PRODUCT COSE 961.41

ABS VALVE END PLAIN



SIZE	PART NO
3/8"	VEIPABS001
1/2"	VEIPABS002
3/4"	VEIPABS003
1"	VEIPABS004
1 1/4"	VEIPABS005
1 1/2"	VEIPABS006
2"	VEIPABS007
2 1/2"	VEIPABS008
3"	VEIPABS009
4"	VEIPABS010

ABS VALVE NUT



SIZE	PART NO
3/8" - 1/2"	VNABS020
3/4"	VNABS025
1"	VNABS032
1 1/4"	VNABS040
1 1/2"	VNABS050
2"	VNABS063
2 1/2"	VNABS075
3"	VNABS090
4"	VNABS110





STANDARD GASKETS ARE 3.0MM THICK
OTHER DRILLINGS ARE AVAILABLE TO ORDER
PRICES ARE ALSO AVAILABLE ON REQUEST FOR OTHER GASKET MATERIALS (IE FPM, PTFE ETC.)
STUB GASKETS ARE AVAILABLE ON THE FOLLOWING PAGE 47.

EPDM FULL FACE GASKET – NP10/16

SIZE	PART NO	d3	d1	d2	HOLES	Wt (g)
1/2"	983.171.02Z	95	22	65	4	22
3/4"	983.171.03Z	105	26	75	4	31
1"	983.171.04Z	115	36	85	4	34
1 1/4"	983.171.05Z	140	43	100	4	48
1 1/2"	983.171.06Z	150	50	110	4	51
2"	983.171.07Z	165	60	125	4	66
2 1/2"	983.171.08Z	185	77	145	4	80
3"	983.171.09Z	200	89	160	8	86
4"	983.171.10Z	220	115	180	8	95
5"	983.171.11AZ	250	141	210	8	108
6"	983.171.12Z	285	170	240	8	136
8" NP10	983.171.13AY	340	221	295	8	177
8" NP16	983.171.13AZ	340	221	295	12	177

EPDM FULL FACE GASKET – BS10 TABLES D & E

SIZE	PART NO	d3	d1	d2	HOLES	Wt (g)
1/2"	983.171.02W	95	22	67	4	22
3/4"	983.171.03W	102	26	73	4	31
1"	983.171.04W	114	36	83	4	34
1 1/4"	983.171.05W	121	43	87	4	48
1 1/2"	983.171.06W	133	50	98	4	51
2"	983.171.07W	152	60	114	4	66
2 1/2"	983.171.08W	165	77	127	4	80
3"	983.171.09W	184	89	146	4	86
4" D	983.171.10V	216	115	178	4	95
4" E	983.171.10W	216	115	178	8	95
5"	983.171.11AW	254	141	210	8	108
6"	983.171.12W	279	170	235	8	136
8"	983.171.13AW	337	221	292	8	177

EPDM FULL FACE GASKETS – ASA 150

SIZE	PART NO	d3	d1	d2	HOLES	Wt (g)
1/2"	983.171.02X	89	22	60	4	22
3/4"	983.171.03X	98	26	70	4	31
1"	983.171.04X	114	36	79	4	34
1 1/4"	983.171.05X	117	43	89	4	48
1 1/2"	983.171.06X	127	50	98	4	51
2"	983.171.07X	152	60	121	4	66
2 1/2"	983.171.08X	178	77	140	4	80
3"	983.171.09X	191	89	152	4	86
4"	983.171.10X	229	115	191	8	95
5"	983.171.11AX	254	141	216	8	108
6"	983.171.12X	279	170	241	8	136
8"	983.171.13AX	343	221	298	8	177

UK Wide Next Day Delivery*

epco customers can place orders up to 5pm for next day delivery to most addresses in the UK*

ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES



GALVANISED MILD STEEL BACKING RING – NP10/16



SIZE	PART NO	d3	d1	d2	HOLES	Wt (g)
1/2"	991.331.02Z	95	28	65	4	350
3/4"	991.331.03Z	105	34	75	4	400
1"	991.331.04Z	115	42	85	4	500
1 1/4"	991.331.05Z	140	51	100	4	600
1 1/2"	991.331.06Z	150	62	110	4	700
2"	991.331.07Z	165	78	125	4	1000
2 1/2"	991.331.08Z	185	92	145	4	1390
3"	991.331.09Z	200	110	160	8	1300
4"	991.331.10Z	220	133	180	8	1500
5"	991.331.11Z	250	167	210	8	2050
6"	991.331.12Z	285	196	240	8	2400
8" NP10	991.331.13Y	340	250	295	8	2500
8" NP16	991.331.13Z	340	250	295	12	2500



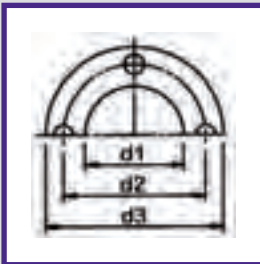
GALVANISED MILD STEEL BACKING RING – BS10 TABLES D & E

SIZE	PART NO	d3	d1	d2	HOLES	Wt (g)
1/2"	991.331.02W	95	28	67	4	350
3/4"	991.331.03W	102	34	73	4	400
1"	991.331.04W	114	42	83	4	500
1 1/4"	991.331.05W	121	51	87	4	600
1 1/2"	991.331.06W	133	62	98	4	700
2"	991.331.07W	152	78	114	4	1000
2 1/2"	991.331.08W	165	92	127	4	1390
3"	991.331.09W	184	110	146	4	1300
4" D	991.331.10V	216	133	178	4	1500
4" E	991.331.10W	216	133	178	8	1500
5"	991.331.11W	254	167	210	8	2050
6"	991.331.12W	279	196	235	8	2400
8"	991.331.13W	337	250	292	8	2500

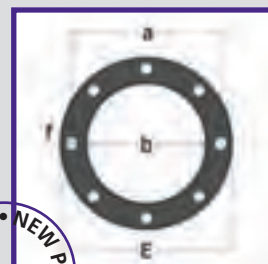


GALVANISED MILD STEEL BACKING RING – ASA 150

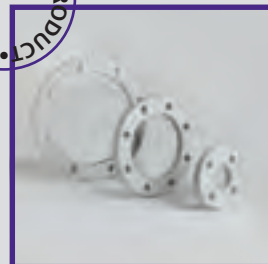
SIZE	PART NO	d3	d1	d2	HOLES	Wt (g)
1/2"	991.331.02X	89	28	60	4	350
3/4"	991.331.03X	98	34	70	4	400
1"	991.331.04X	114	42	79	4	500
1 1/4"	991.331.05X	117	51	89	4	600
1 1/2"	991.331.06X	127	62	98	4	700
2"	991.331.07X	152	78	121	4	1000
2 1/2"	991.331.08X	178	92	140	4	1390
3"	991.331.09X	191	110	152	4	1300
4"	991.331.10X	229	133	191	8	1500
5"	991.331.11X	254	167	216	8	2050
6"	991.331.12X	279	196	241	8	2400
8"	991.331.13X	343	250	298	8	2500



GRPP COATED MILD STEEL BACKING RING – NP10/16



SIZE	PART NO	A	E	HOLES	Wt (g)
1"	081.441.04Z	85	115	4	600
1 1/4"	081.441.05Z	100	140	4	705
1 1/2"	081.441.06Z	110	150	4	795
2"	081.441.07Z	125	165	4	1028
2 1/2"	081.441.08Z	145	185	4	1274
3"	081.441.09Z	160	200	8	1300
4"	081.441.10Z	180	220	8	1418
5"	081.441.11Z	210	250	8	1952
8" NP10	081.441.13Y	295	340	8	3230
8" NP16	081.441.13Z	295	340	12	3230
10" NP10	081.441.14Y	350	395	12	7000
10" NP16	081.441.14Z	355	405	12	7000
12" NP10	081.441.15Y	400	445	12	8150





FASTENER SET



SIZE	PART NO	SIZE	PART NO
M16 BZP HEX NUT	M16NUT	M20 BZP HEX NUT	M20NUT
M16 BZP WASHER	M16WASHER	M20 BZP FLAT WASHER	M20WASHER
M16 x 50 BZP HEX HEAD BOLT	M16X50BZPB	M20 x 70 BZP HEX HEAD BOLT	M20X70BZPB
M16 x 60 BZP HEX HEAD BOLT	M16X60BZPB	M20 x 75 BZP HEX HEAD BOLT	M20X75BZPB
M16 x 65 BZP HEX HEAD BOLT	M16X65BZPB	M20 x 80 BZP HEX HEAD BOLT	M20X80BZPB
M16 x 70 BZP HEX HEAD BOLT	M16X70BZPB	M20 x 90 BZP HEX HEAD BOLT	M20X90BZPB
M16 x 75 BZP HEX HEAD BOLT	M16X75BZPB	M20 x 100 BZP HEX HEAD BOLT	M20X100BZPB
M16 x 80 BZP HEX HEAD BOLT	M16X80BZPB	M20 x 120 BZP HEX HEAD BOLT	M20X120BZPB
M16 x 90 BZP HEX HEAD BOLT	M16X90BZPB	M20 x 130 BZP HEX HEAD BOLT	M20X130BZPB
M16 x 100 BZP HEX HEAD BOLT	M16X100BZPB	M20 x 140 BZP HEX HEAD BOLT	M20X140BZPB
M16 x 110 BZP HEX HEAD BOLT	M16X110BZPB	M20 x 150 BZP HEX HEAD BOLT	M20X150BZPB
M16 x 120 BZP HEX HEAD BOLT	M16X120BZPB	M20 x 160 BZP HEX HEAD BOLT	M20X160BZPB
M16 x 130 BZP HEX HEAD BOLT	M16X130BZPB	M20 x 170 BZP HEX HEAD BOLT	M20X170BZPB
M16 x 140 BZP HEX HEAD BOLT	M16X140BZPB	M20 x 180 BZP HEX HEAD BOLT	M20X180BZPB
M16 x 150 BZP HEX HEAD BOLT	M16X150BZPB	M20 x 200 BZP HEX HEAD BOLT	M20X200BZPB
M16 x 160 BZP HEX HEAD BOLT	M16X160BZPB	M20 x 210 BZP HEX HEAD BOLT	M20X210BZPB
M16 x 170 BZP HEX HEAD BOLT	M16X170BZPB	M20 x 220 BZP HEX HEAD BOLT	M20X220BZPB
M16 x 180 BZP HEX HEAD BOLT	M16X180BZPB	M20 x 240 BZP HEX HEAD BOLT	M20X240BZPB
		M20 x 280 BZP HEX HEAD BOLT	M20X280BZPB

EPDM STUB GASKET



SIZE	PART NO	D	d	Wt (g)
1/2"	983.151.02	33	18	2
3/4"	983.151.03	40	23	3
1"	983.151.04	48	30	4
1 1/4"	983.151.05	58	33	6
1 1/2"	983.151.06	70	44	8
2"	983.151.07	87	60	11
2 1/2"	983.151.08	103	77	16
3"	983.151.09	121	85	21
4"	983.151.10	147	105	31
5"	983.151.11A	183	143	37
6"	983.151.12	210	170	43
8"	983.151.13A	265	215	80

STANDARD GASKETS ARE 3.0mm THICK
PRICES ARE ALSO AVAILABLE ON REQUEST FOR OTHER GASKET
MATERIALS (IE FPM, PTFE ETC.)

EPDM O RINGS TO SUIT ABS UNIONS



SIZE	PART NO	SIZE	PART NO
1/2"	G/UN020	2"	G/UN063
3/4"	G/UN025	2 1/2"	G/UN075
1"	G/UN032	3"	G/UN090
1 1/4"	G/UN040	4"	G/UN110
1 1/2"	G/UN050		

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ABS

PVC IMPERIAL

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GUIDELINES

