

e p c o

PIPE SYSTEMS



ABS



PVC IMPERIAL



PVC METRIC



POLYPROPYLENE



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ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES



PVC METRIC (POLYVINYL CHLORIDE UNPLASTICISED)

PVC METRIC JOINTING PROCEDURES

MANUFACTURING STANDARDS

Metric PVC-U products are generally manufactured in accordance with the following standards:

Pipe – EN1452–2

Fittings – EN1452–3, ISO161/1

Threaded Fittings – BS21, DIN2999, ISO7

Pressure ratings for solvent weld fittings are clearly stated alongside each item in this section.

Threaded fittings are rated at 12 bar.

* All quoted at 20°C

CEMENT SETTING TIMES

PIPE DIAMETER	16 – 63mm		75 – 110mm		125 – 315mm	
Temp	Up to 10 bar	Up to 16 bar	Up to 10 bar	Up to 16 bar	Up to 10 bar	Up to 16 bar
>10°C	2 h (4 h)	4 h (8 h)	4 h (8 h)	8 h (16 h)	8 h (24 h)	16 h (-)
5°C to 10°C	4 h (12 h)	8 h (24 h)	8 h (24 h)	16 h (48 h)	16 h (72 h)	32 h (-)

These times are applicable to UNI-100 Griffon cement with UNI-100 XT in brackets.

PIPE DIAMETER	UP TO 50mm			63 – 125mm			140mm AND ABOVE		
Temperature	5 bar	10 bar	16 bar	5 bar	10 bar	16 bar	5 bar	10 bar	16 bar
>15°C	15 min	30 min	2 h	30 min	1 h	4 h	2 h	8 h	16 h
5°C to 15°C	30 min	1 h	4 h	1 h	2 h	8 h	4 h	16 h	32 h

These times are applicable to WDF–05 Griffon cement.

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
16mm – 20mm	1300	4mm Round	1
25mm – 32mm	650	8mm Round	1
40mm – 63mm	160	1" Flat	1
75mm	90	2" Flat	1
90mm	70	2" Flat	2
110mm	30	3" Flat	2
140mm – 160mm	20	3" Flat	3
225mm	12	3" Flat	3
280mm	8	3" Flat	3
315mm	4	3" Flat	3

FOR INSTALLATION INSTRUCTIONS SEE PAGE 45-50

PVC-U 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.

PVC-U systems should never be used for temperatures in excess of 60°C.

ABS

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GUIDELINES

UK Wide Next Day Delivery*

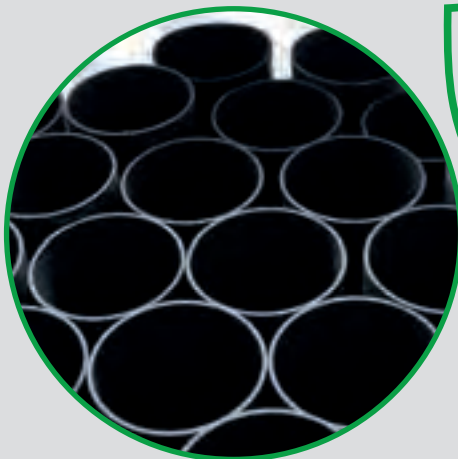
epco customers can place orders up to 5pm for next day delivery to most addresses in the UK*



PVC-U PIPEWORK SUPPORT CENTRES

PIPE OD mm	20°C	25°C	30°C	35°C	40°C	45°C	20°C – 45°C
	SPACING GIVEN IN METRES						VERTICAL PIPES
16	0.75	0.67	0.60	0.50	0.40		0.80
20	0.85	0.77	0.70	0.60	0.50		0.90
25	0.90	0.82	0.75	0.65	0.55	0.50	1.00
32	1.00	0.92	0.85	0.75	0.65	0.57	1.20
40	1.10	1.05	1.00	0.90	0.80	0.70	1.40
50	1.25	1.20	1.15	1.05	0.95	0.82	1.60
63	1.40	1.35	1.30	1.20	1.10	0.97	1.80
75	1.50	1.45	1.40	1.30	1.20	1.07	2.00
90	1.65	1.60	1.55	1.45	1.35	1.20	2.20
110	1.85	1.80	1.75	1.65	1.55	1.37	2.40
140	2.15	2.10	2.05	1.95	1.85	1.72	2.50
160	2.25	2.20	2.15	2.07	2.00	1.85	2.50
225	2.50	2.45	2.40	2.32	2.25	2.12	2.50

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 recommended maximum support spacings for horizontal runs of PVC-U pipe are given in the table above. Spacings are calculated assuming the pipes are carrying water.



PVC METRIC PRICE REFERENCE

ABS
PVC IMPERIAL
PVC METRIC
POLYPROPYLENE
COMPRESSION FITTINGS
GUIDELINES

PVC METRIC PRESSURE PIPE



CLEAR PIPE WITH BLUE OR GREY TINT



PLAIN SOCKET



PLAIN 90° ELBOW



PLAIN REDUCING 90° ELBOW



PLAIN 90° SHORT RADIUS BEND



PLAIN 45° BEND



PLAIN 30° BEND – MADE OF TUBE



PLAIN 22.5° BEND – MADE OF TUBE



PLAIN 15° BEND – MADE OF TUBE



PLAIN Y ELBOW



PLAIN Y BEND



PLAIN 45° ELBOW



PLAIN REDUCING 45° ELBOW



PLAIN EQUAL TEE



PLAIN REDUCING TEE



PLAIN Y PIECE / 45° TEE



PLAIN UNION



PLAIN HOSE ADAPTOR – MALE SPIGOT x mm HOSE TAIL



PLAIN REDUCING SOCKET



INCH / METRIC ADAPTOR SOCKET



REDUCING PIECE – FEMALE / MALE / FEMALE



PLAIN CROSS



PLAIN CAP



PLAIN REDUCING BUSH



PVC METRIC PRICE REFERENCE

PLAIN STUB FLANGE



PLAIN FULL FACE FLANGE



PLAIN BLANK FLANGE



PLAIN / THREADED SOCKET



PLAIN / THREADED SOCKET – S/S REINFORCED



PLAIN / THREADED 90° ELBOW



PLAIN / THREADED 90° ELBOW – S/S REINFORCED



90° ELBOW – MALE THREAD ONE END



PLAIN / THREADED 45° ELBOW



PLAIN / THREADED 45° ELBOW – S/S REINFORCED



PLAIN / THREADED EQUAL TEE



PLAIN / THREADED EQUAL TEE – S/S REINFORCED



TEE – EXTERNAL THREAD ON BRANCH



TEE – EXTERNAL THREAD ON STRAIGHT



ADAPTOR – FEMALE PLAIN / MALE PLAIN / MALE THREADED



ADAPTOR – MALE PLAIN / FEMALE THREADED



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



PLAIN / THREADED UNION



PLAIN / THREADED UNION – REINFORCED



PLAIN / THREADED UNION – WITH 'O' RING



UNION – MALE THREAD ONE END



HOSE ADAPTOR – MALE BSP x mm HOSE TAIL



HOSE ADAPTOR – FEMALE BSP x mm HOSE TAIL



REDUCING BUSH



TANK CONNECTOR



ABS

PVC IMPERIAL

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GUIDELINES

PVC METRIC PRICE REFERENCE

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PVC IMPERIAL
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COMPRESSION FITTINGS
GUIDELINES

TANK CONNECTOR – FEMALE x MALE x BSP MALE THREADED



TANK CONNECTOR – WITH UNION



TABLE DUCT / WITH – WITHOUT CLAMPING NUT



COMPOSITE UNION – MALE BRASS



COMPOSITE UNION – FEMALE BRASS



SINGLE UNION STANDARD BALL VALVE



DOUBLE UNION STANDARD BALL VALVE



DOUBLE UNION INDUSTRIAL BALL VALVE



STANDARD SPRING CHECK NON RETURN VALVE



STANDARD AIR RELEASE VALVE



STANDARD FOOTVALVE



EXCEL BALL VALVE ISO TOP



3 WAY L – T PORT BALL VALVE



DIAPHRAGM VALVE HANDWHEEL OPERATED



STANDARD WAFER TYPE CHECK VALVES



BUTTERFLY VALVE – PVC BODY & POLYPROPYLENE DISC



BUTTERFLY VALVE – PVC BODY & PVC DISC



MOUNTING KIT FOR BUTTERFLY VALVE



DUCTILE IRON BUTTERFLY VALVE – EPDM LINER



STANDARD SPRING TYPE FOOT VALVE STRAINER



SIGHT GLASS



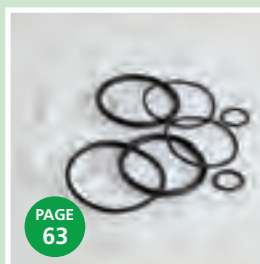
LABORATORY BALL VALVE – THREADED ENDS



SLIDE VALVE



SEAL KITS



VALVE HANDLES



PVC METRIC PRICE REFERENCE

PE VALVE END PLAIN – SDR11



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VARIABLE AREA FLOWMETERS



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ELECTRICALLY ACTUATED BALL VALVE



PAGE 64

PNEUMATICALLY ACTUATED BALL VALVE



PAGE 65

PNEUMATICALLY ACTUATED ISO TOP BALL VALVE



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ELECTRICALLY ACTUATED BUTTERFLY VALVE



PAGE 66

PNEUMATICALLY ACTUATED BUTTERFLY VALVE



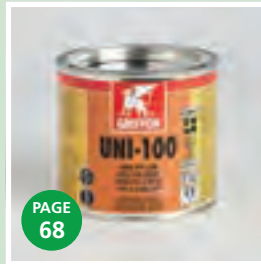
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PNEUMATICALLY ACTUATED DIAPHRAGM VALVE



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GRIFFON UNI-100 PVC CEMENT



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GRIFFON CLEANING FLUID



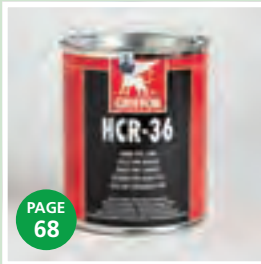
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GRIFFON UNI-100 XT



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GRIFFON HCR-36 CHEMICAL CEMENT



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GRIFFON UNI-100 GT PVC CEMENT



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GRIFFON HCR-36 CHEMICAL CLEANER



PAGE 68

GRIFFON WDF-05



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GRIFFON T-88 PVC CEMENT



PAGE 68

125g TUBE GRIFFON KOLMAT PVC / ABS THREAD SEAL PASTE



PAGE 68

GRIFFON AQUA-MAX POOL SEALANT



PAGE 68

GRIFFON LUBRICANT



PAGE 68

GRIFFON BLUE GEL



PAGE 68

5 METRE ROLL OF EMERY TAPE – 80 GRIT



PAGE 68

KOLMAT FIBRE ROLL 12mm x 15 METRES



PAGE 69

GRIFFON CABLE SAW



PAGE 68

GRIFFON CHAMFERING TOOL



PAGE 69

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



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ABS

PVC IMPERIAL

PVC METRIC

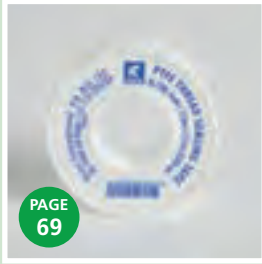
POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES

PVC METRIC PRICE REFERENCE

12mm WIDE PTFE THREAD SEAL TAPE



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GRIFFON MULTI-FUNCTIONAL WIPES



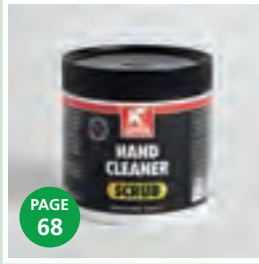
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GRIFFON CLEANER CLOTHS



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GRIFFON HAND CLEANER



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GLUE BRUSHES



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EPDM O RINGS TO SUIT PVC UNIONS



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INDUSTRIAL PIPE CLIP – BLACK P/P



PAGE 69

GREEN RUBBER LINED PIPE CLIP



PAGE 69

QUICK CLAMP PIPE CLIP



PAGE 69

INDUSTRIAL SPACING BLOCK – BLACK P/P



PAGE 70

PVC METRIC VALVE END PLAIN



PAGE 70

PVC METRIC VALVE NUT



PAGE 70

EPDM FULL FACE GASKETS



PAGE 70

EPDM STUB GASKET



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GRPP COATED MILD STEEL BACKING RING – NP10/16



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GALVANISED MILD STEEL BACKING RINGS



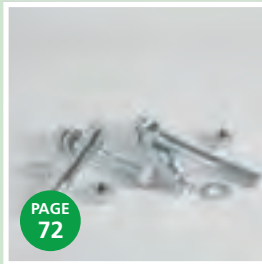
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PVC BACKING RING



PAGE 72

FASTENER SET



PAGE 72



ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES



DIN
ANSI
38.1

DIN
ANSI
38.1

3"
DIN 30

PVC METRIC PRESSURE PIPE



PIPE IS SUPPLIED PLAIN ENDED

STANDARD PIPE LENGTH SUPPLIED IS 5.8 OR 6 METRES
PRICES FOR SPIGOT AND SOCKET / RUBBER RING PIPE IS
AVAILABLE ON REQUEST

PIPE WITH SPIGOT / SOCKET AND RUBBER RING ENDS MAY
BE SUBJECT TO MINIMUM MANUFACTURING QUANTITIES
AND / OR LEAD TIMES

PN6 METRIC GREY PVC PRESSURE PIPE TO EN1452-2

SIZE	PART NO	PRESSURE RATING	WALL mm	PIPE ID mm	Wt (Kg/m)
90	022.P.09006PE	6	2.8	84.4	1.18
110	022.P.11006PE	6	2.7	104.6	1.45
125	022.P.12506PE	6	3.1	118.8	1.89
140	022.P.14006PE	6	3.5	133.0	2.40
160	022.P.16006PE	6	4.0	152.0	3.14
180	022.P.18006PE	6	4.4	171.2	3.87
200	022.P.20006PE	6	4.9	190.2	4.75
225	022.P.22506PE	6	5.5	214.0	6.00
250	022.P.25006PE	6	6.2	237.6	7.46
280	022.P.28006PE	6	6.9	266.2	9.31
315	022.P.31506PE	6	7.7	299.6	11.68
355	022.P.35506PE	6	8.7	337.6	15.01
400	022.P.40006PE	6	9.8	380.4	18.82
500	022.P.50006PE	6	12.3	475.4	29.40

PN10 METRIC GREY PVC PRESSURE PIPE TO EN1452-2

SIZE	PART NO	PRESSURE RATING	WALL mm	PIPE ID mm	Wt (Kg/m)
50	022.P.05010PE	10	2.4	45.2	0.57
63	022.P.06310PE	10	3.0	57.0	0.89
75	022.P.07510PE	10	3.6	67.8	1.27
90	022.P.09010PE	10	4.3	81.4	1.82
110	022.P.11010PE	10	4.2	101.6	2.20
125	022.P.12510PE	10	4.8	115.4	2.83
140	022.P.14010PE	10	5.4	129.2	3.61
160	022.P.16010PE	10	6.2	147.6	4.70
180	022.P.18010PE	10	6.9	166.2	5.89
200	022.P.20010PE	10	7.7	184.6	7.30
225	022.P.22510PE	10	8.6	207.8	9.17
250	022.P.25010PE	10	9.6	230.8	11.36
280	022.P.28010PE	10	10.7	258.6	14.16
315	022.P.31510PE	10	12.1	290.8	17.96
355	022.P.35510PE	10	13.6	327.8	22.78
400	022.P.40010PE	10	15.3	369.4	28.79

PN16 METRIC GREY PVC PRESSURE PIPE TO EN1452-2

SIZE	PART NO	PRESSURE RATING	WALL mm	PIPE ID mm	Wt (Kg/m)
10	022.P.01016PE	16	1.2	7.6	0.02
12	022.P.01216PE	16	1.4	9.2	0.03
16	022.P.01616PE	16	1.5	13.0	0.11
20	022.P.02016PE	16	1.5	17.0	0.14
25	022.P.02516PE	16	1.9	21.2	0.22
32	022.P.03216PE	16	2.4	27.2	0.36
40	022.P.04016PE	16	3.0	34.0	0.55
50	022.P.05016PE	16	3.7	42.6	0.84
63	022.P.06316PE	16	4.7	53.6	1.34
75	022.P.07516PE	16	5.6	63.8	1.90
90	022.P.09016PE	16	6.7	76.6	2.71
110	022.P.11016PE	16	6.6	96.8	3.32
125	022.P.12516PE	16	7.4	110.2	4.24
140	022.P.14016PE	16	8.3	123.4	5.39
160	022.P.16016PE	16	9.5	141.0	7.03
180	022.P.18016PE	16	10.7	158.6	8.89
200	022.P.20016PE	16	11.9	176.2	10.97
225	022.P.22516PE	16	13.4	198.2	13.90
250	022.P.25016PE	16	14.8	220.4	17.03
280	022.P.28016PE	16	16.6	246.8	21.33
315	022.P.31516PE	16	18.7	277.6	27.02

UK Wide Next Day Delivery*

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





CLEAR PIPE – BLUE OR GREY TINT

SIZE	PART NO	WALL mm	PIPE ID mm	PN Rating	Wt (Kg/m)
20 x 1.5	022.PC.02015	1.5	17.0	16	0.13
25 x 1.5	022.PC.02515	1.5	22.0	10	0.17
25 x 1.9	022.PC.02519	1.9	21.2	16	0.21
32 x 1.8	022.PC.03218	1.8	28.4	10	0.26
32 x 2.4	022.PC.03224	2.4	27.2	16	0.34
40 x 2.0	022.PC.04020	2.0	36.0	10	0.36
40 x 3.0	022.PC.04030	3.0	34.0	16	0.52
50 x 1.8	022.PC.05018	1.8	46.4	6	0.44
50 x 2.4	022.PC.05024	2.4	45.2	10	0.55
50 x 3.7	022.PC.05037	3.7	42.6	16	0.80
63 x 1.8	022.PC.06318	1.8	59.4	4	0.53
63 x 3.0	022.PC.06330	3.0	57.0	10	0.85
63 x 4.7	022.PC.06347	4.7	53.6	16	1.29
75 x 1.8	022.PC.07518	1.8	71.4	4	0.64
75 x 3.6	022.PC.07536	3.6	67.8	10	1.22
90 x 1.8	022.PC.09018	1.8	86.4	4	0.77
90 x 4.3	022.PC.09043	4.3	81.4	10	1.75
110 x 2.2	022.PC.11022	2.2	105.6	4	1.16
110 x 5.3	022.PC.11053	5.3	99.4	10	2.61
125 x 2.5	022.PC.12525	2.5	120.0	4	1.48
140 x 2.8	022.PC.14028	2.8	134.4	4	1.84
160 x 3.2	022.PC.16032	3.2	153.6	4	2.51
160 x 4.7	022.PC.16047	4.7	150.6	6	3.44

PLEASE NOTE: CLEAR PVC PIPE IS NOT SUITABLE FOR OUTDOOR USE WITHOUT ADEQUATE UV PROTECTION

STANDARD PIPE LENGTH SUPPLIED IS 5 METRES

ABS

PVC IMPERIAL

PVC METRIC

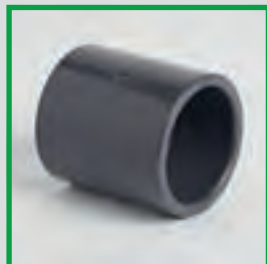
POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES



SOCKET



d	PART NO	L	Z	E	RATED	Wt (g)	Box
10•	022.011.010P	12	3	16	16 BAR	4	300
12•	022.011.012P	12	3	16	16 BAR	6	300
16	022.011.016P	14	3	23.5	16 BAR	9	550
20	022.011.020P	16	3	28	16 BAR	15	380
25	022.011.025P	19	3	34	16 BAR	23	500
32	022.011.032P	22	3	42	16 BAR	36	300
40	022.011.040P	26	3	51	16 BAR	60	200
50	022.011.050P	31	3	59	16 BAR	70	220
63	022.011.063P	38	3	73	16 BAR	115	125
75	022.011.075P	44	4	88	16 BAR	222	85
90	022.011.090P	51	5	106	16 BAR	353	45
110	022.011.110P	61	6	126	16 BAR	605	27
125	022.011.125P	69	7	145	16 BAR	840	20
140	022.011.140P	76	9	161	16 BAR	1100	12
160	022.011.160P	86	8	181	16 BAR	1400	8
180•	022.011.180K	96	8	209	10 BAR	2530	6
200	022.011.200P	106	11	226	16 BAR	2660	50
225	022.011.225K	119	11	255	16 BAR	4436	42
250	022.011.250K	132.5	10	287	10 BAR	5800	22
280	022.011.280K	147	10	320	10 BAR	7750	14
280•	022.011.280I	146	8	314	8 BAR	6800	27
315	022.011.315K	165	12	355	10 BAR	9820	12
315•	022.011.315I	165	11	350	8 BAR	8700	15
355•	022.011.355F	185	11	386	5 BAR	11200	10
400•	022.011.400F	206	12	432	5 BAR	12900	8
500•	022.011.500E	159	11	540	4 BAR	14700	6

90° ELBOW



d	PART NO	L	Z	E	RATED	Wt (g)	Box
10•	022.031.010P	12	6	16	16 BAR	7	250
12•	022.031.012P	12	7	18	16 BAR	8	250
16	022.031.016P	14	9	23.5	16 BAR	13	450
20	022.031.020P	16	11	26.5	16 BAR	20	300
25	022.031.025P	19	14	32.5	16 BAR	35	350
32	022.031.032P	22	17	41	16 BAR	50	200
40	022.031.040P	26	23	50	16 BAR	90	120
50	022.031.050P	31	28	59	16 BAR	121	140
63	022.031.063P	38	34	73	16 BAR	200	70
75	022.031.075P	44	40	89	16 BAR	375	40
90	022.031.090P	51	48	106	16 BAR	620	25
110	022.031.110P	61	58	129.5	16 BAR	1060	14
125	022.031.125P	69	66	145	16 BAR	1420	10
140	022.031.140P	76	73	164	16 BAR	1990	6
160	022.031.160P	86	81	188	16 BAR	3200	4
180•	022.031.180K	97	103	209	10 BAR	4500	4
200	022.031.200K	106	102	232	16 BAR	5850	28
225	022.031.225K	119	115	258	16 BAR	7500	20
250•	022.031.250K	131	127	284	10 BAR	9750	18
280•	022.031.280I	146	149	321	8 BAR	14300	14
315•	022.031.315I	164	158	355	8 BAR	17500	9
355•	022.031.355F	184	177	393	5 BAR	20850	5
400•	022.031.400F	206	202	439	5 BAR	26350	4

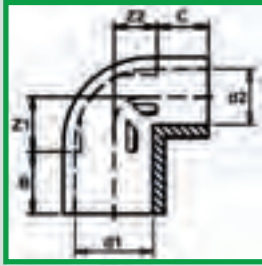
• NON COMER PRODUCT

UK Wide Next Day Delivery*

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



REDUCING 90° ELBOW



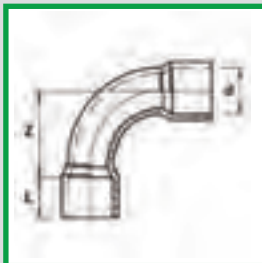
d1 x d2	PART NO	Z1	Z2	B	C	RATED	Wt (g)	Box
40 x 32•	022.031.040032	22	22	26	22	10 BAR	67	200
50 x 32•	022.031.050032	28	33	31	22	10 BAR	95	150
50 x 40•	022.031.050040	28	29	31	26	10 BAR	111	135
50 x 50/40•	022.031.505040	30	33	31	26	10 BAR	139	100
63 x 63/50•	022.031.636350	45.5	44	37.5	31	10 BAR	300	50

90° SHORT RADIUS BEND



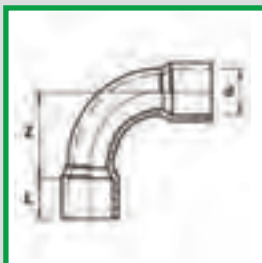
d	PART NO	L	Z	E	RATED	Wt (g)	Box
20	022.051.020P	16	40	29	16 BAR	45	350
25	022.051.025P	19	50	35	16 BAR	74	180
32	022.051.032P	22	64	44	16 BAR	125	100
40	022.051.040P	26	80	53	16 BAR	200	50
50	022.051.050P	31	100	63	16 BAR	318	60
63	022.051.063P	38	126	77	16 BAR	510	30
75	022.051.075P	44	150	94	16 BAR	1015	15
90	022.051.090P	51	180	113	16 BAR	1790	9
110	022.051.110P	61	220	137	16 BAR	2860	6
125•	022.051.125K	68	187	150	10 BAR	2970	5
140•	022.051.140K	76	210	164	10 BAR	3130	4
160•	022.051.160K	86	240	186	10 BAR	4680	2
250	022.051.250K	131.5	187.5	286	10 BAR	12150	10
280	022.051.280K	146	210	316	10 BAR	15620	8
315	022.051.315K	162	239	358	10 BAR	23500	5

90° BEND – MADE OF TUBE



d	PART NO	L	Z	RATED	Wt (g)	Box
140•	022.131.140M	87	236	12.5 BAR	3240	5
160•	022.131.160M	99	260	12.5 BAR	4190	4
200•	022.131.200M	122	330	12.5 BAR	7730	1
225•	022.131.225M	137	380	12.5 BAR	9930	1
250•	022.131.250M	151	390	12.5 BAR	13630	1
280•	022.131.280M	168	480	12.5 BAR	18910	1
315•	022.131.315M	188	625	12.5 BAR	31230	1

90° BEND – FABRICATED



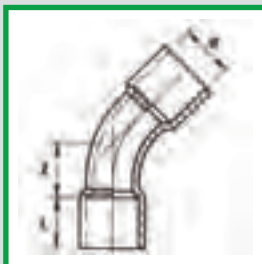
d	PART NO	L	Z	RATED	Wt (g)	Box
180•	022.051.180E	96	270	4 BAR	6600	30
200•	022.051.200E	106	300	4 BAR	7200	19
225•	022.051.225E	100	337	4 BAR	10800	13
250•	022.051.250E	100	375	4 BAR	11100	10
280•	022.051.280E	100	420	4 BAR	17000	9
315•	022.051.315E	165	472	4 BAR	25000	3
355•	022.051.355E	184	532	4 BAR	37000	3
400•	022.051.400E	206	600	4 BAR	43300	2
500•	022.051.500E	159	750	2.5 BAR	55700	2

• NON COMER PRODUCT



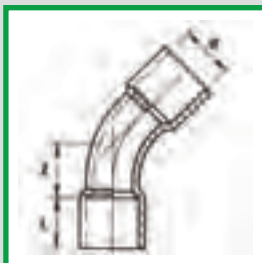
PVC METRIC PRESSURE FITTINGS PLAIN

45° BEND – MADE OF TUBE



d	PART NO	L	Z	RATED	Wt (g)	Box
32•	022.731.032P	25	26	16 BAR	50	300
32•	022.731.032K	25	26	10 BAR	40	350
40•	022.731.040P	30	36	16 BAR	100	150
40•	022.731.040K	30	36	10 BAR	80	150
50•	022.731.050P	35	40	16 BAR	160	150
50•	022.731.050K	35	40	10 BAR	110	125
63•	022.731.063P	43	46	16 BAR	280	90
63•	022.731.063K	43	46	10 BAR	200	60
75•	022.731.075P	51	54	16 BAR	413	50
75•	022.731.075K	51	54	10 BAR	330	40
90•	022.731.090P	58	63	16 BAR	744	30
90•	022.731.090K	58	63	10 BAR	540	20
110•	022.731.110M	70	80	12.5 BAR	960	15
125•	022.731.125M	79	89	12.5 BAR	1500	10
140•	022.731.140M	87	98	12.5 BAR	2290	7
160•	022.731.160M	99	119	12.5 BAR	3330	5
200•	022.731.200M	122	143	12.5 BAR	5620	1
225•	022.731.225M	137	166	12.5 BAR	7270	1
250•	022.731.250M	151	170	12.5 BAR	10080	1
280•	022.731.280M	168	214	12.5 BAR	13650	1
315•	022.731.315M	188	236	12.5 BAR	19610	1

45° BEND – FABRICATED



d	PART NO	L	RATED	Wt (g)	Box
315•	022.731.315E	164	4 BAR	18000	1
355•	022.731.355E	184	4 BAR	25000	1
400•	022.731.400E	206	4 BAR	28700	1
500•	022.731.500E	159	2.5 BAR	36700	1

30° BEND – MADE OF TUBE



d	PART NO	L	Z	RATED	Wt (g)	Box
90•	022.741.090K	58	65	10 BAR	530	30
110•	022.741.110M	70	79	12.5 BAR	970	15
125•	022.741.125M	79	92	12.5 BAR	1260	10
140•	022.741.140M	87	106	12.5 BAR	3130	7
160•	022.741.160M	99	122	12.5 BAR	3250	5
200•	022.741.200M	122	147	12.5 BAR	5560	1
225•	022.741.225M	137	155	12.5 BAR	7590	1
250•	022.741.250M	151	195	12.5 BAR	10550	1
280•	022.741.280M	168	213	12.5 BAR	13270	1
315•	022.741.315M	188	240	12.5 BAR	18600	1

• 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

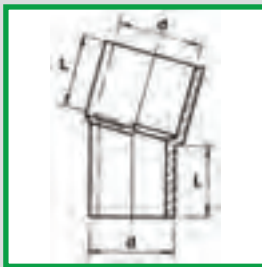
PVC METRIC PRESSURE FITTINGS PLAIN

22.5° BEND – MADE OF TUBE



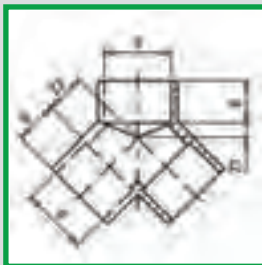
d	PART NO	L	Z	RATED	Wt (g)	Box
90•	022.751.090K	58	48	10 BAR	520	30
110•	022.751.110M	70	64	12.5 BAR	910	15
125•	022.751.125M	79	75	12.5 BAR	1340	10
140•	022.751.140M	87	81	12.5 BAR	1970	7
160•	022.751.160M	99	92	12.5 BAR	3870	5
200•	022.751.200M	122	127	12.5 BAR	4810	1

15° BEND – MADE OF TUBE



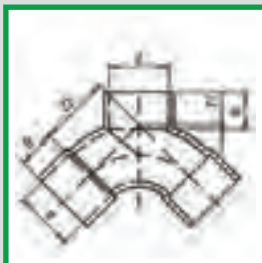
d	PART NO	L	RATED	Wt (g)	Box
90•	022.761.090M	51	12.5 BAR	300	25
110•	022.761.110M	61	12.5 BAR	570	15
125•	022.761.125M	69	12.5 BAR	850	10
140•	022.761.140M	76	12.5 BAR	1320	7
160•	022.761.160M	86	12.5 BAR	1870	6
200•	022.761.200M	106	12.5 BAR	3420	1
225•	022.761.225M	119	12.5 BAR	3750	1
250•	022.761.250M	131	12.5 BAR	5400	1
280•	022.761.280M	141	12.5 BAR	7010	1
315•	022.761.315M	164	12.5 BAR	8700	1

Y ELBOW



d	PART NO	Z1	Z2	B	RATED	Wt (g)	Box
50•	022.121.050	12	31	31	16 BAR	188	70
63•	022.121.063	15	37	38	16 BAR	375	35
75•	022.121.075	17	43	44	16 BAR	629	20

Y BEND



d	PART NO	Z1	Z2	B	RATED	Wt (g)	Box
50•	022.781.050	-3	62	31	16 BAR	235	55
63•	022.781.063	-3	77	38	10 BAR	476	25

• NON COMER PRODUCT



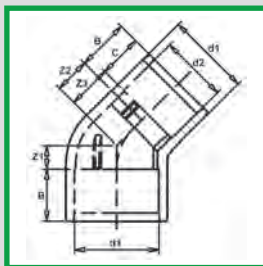
PVC METRIC PRESSURE FITTINGS PLAIN

45° ELBOW



d	PART NO	L	Z	E	RATED	Wt (g)	Box
10•	022.041.010P	12	3	16	16 BAR	6	150
12•	022.041.012P	12	3.5	18	16 BAR	8	150
16	022.041.016P	14	5.5	23	16 BAR	10	500
20	022.041.020P	16	5.5	28	16 BAR	17	700
25	022.041.025P	19	6	34	16 BAR	30	450
32	022.041.032P	22	8	42	16 BAR	47	250
40	022.041.040P	26	10	51	16 BAR	77	150
50	022.041.050P	31	12	59	16 BAR	110	170
63	022.041.063P	38	15	73	16 BAR	158	90
75	022.041.075P	44	18	88	16 BAR	310	50
90	022.041.090P	51	21	106	16 BAR	485	30
110	022.041.110P	61	25	128	16 BAR	835	16
125	022.041.125P	69	27	145	16 BAR	1065	12
140	022.041.140P	76	32	164	16 BAR	1640	6
160	022.041.160P	86	36	184	16 BAR	2100	6
180•	022.041.180K	97	38	208	10 BAR	3480	6
200	022.041.200P	106	43	232	16 BAR	4540	30
225	022.041.225K	119	49	258	16 BAR	6200	26
250	022.041.250K	131.5	58	287	10 BAR	7680	16
280	022.041.280K	147	62	320	10 BAR	10350	11
280•	022.041.280I-R	146	62	321	8 BAR	11300	14
315•	022.041.315K	165	66	360	10 BAR	14480	8
315•	022.041.315I-R	164	68	355	8 BAR	13600	12
355•	022.041.355F	184	77	393	5 BAR	16000	7
400•	022.041.400F	206	83	439	5 BAR	20200	6

REDUCING 45° ELBOW



d1 x d2	PART NO	Z1	Z2	Z3	B	C	RATED	Wt (g)
50 x 50/40•	022.041.505040	14	21	26	31	26	16 BAR	111
63 x 63/50•	022.041.636350	17.5	26.5	32.5	37.5	31.5	16 BAR	230

• NON COMER PRODUCT

UK Wide Next Day Delivery*

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ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES

PVC METRIC PRESSURE FITTINGS PLAIN

EQUAL TEE



d	PART NO	L	Z	E	RATED	Wt (g)	Box
10•	022.061.010P	12	6	16	16 BAR	9	250
12•	022.061.012P	12	7	18	16 BAR	10	250
16	022.061.016P	14	9	23.5	16 BAR	15	300
20	022.061.020P	16	11	27.5	16 BAR	25	450
25	022.061.025P	19	14	33.5	16 BAR	44	250
32	022.061.032P	22	17	42	16 BAR	75	130
40	022.061.040P	26	21	51	16 BAR	125	80
50	022.061.050P	31	16	61	16 BAR	183	90
63	022.061.063P	38	33	75	16 BAR	315	50
75	022.061.075P	44	39	89	16 BAR	495	32
90	022.061.090P	51	47	106	16 BAR	790	20
110	022.061.110P	61	57	129.5	16 BAR	1330	10
125	022.061.125P	69	64	145	16 BAR	1850	7
140	022.061.140P	76	72	162.5	16 BAR	2610	4
160	022.061.160P	86	81	188	16 BAR	4100	3
180•	022.061.180K	97	93	209.5	10 BAR	5900	3
200	022.061.200K	106	102	232	16 BAR	7200	20
225	022.061.225K	119	114	258	16 BAR	9700	15
250	022.061.250K	132.5	127	286	10 BAR	12070	10
280	022.061.280K	147.5	142	319	10 BAR	17480	7
280•	022.061.280I	146	144	320	8 BAR	17800	10
315•	022.061.315K	165	159	360	10 BAR	24350	4
315•	022.061.315I	164	158	359	8 BAR	24100	5
400•	022.061.400G	206	214	445	6 BAR	39900	1

EQUAL TEE – FABRICATED



d	PART NO	L	Z	E	RATED	Wt (g)	Box
355•	022.061.355E	184	294	386	4 BAR	35900	3
400•	022.061.400E	206	280	432	4 BAR	39900	3
500•	022.061.500E	159	485	540	2.5 BAR	55000	2

• NON COMER PRODUCT



REDUCING TEE



d x d1	PART NO	L	L1	Z	Z1	E	E1	RATED	Wt (g)	Box
20 x 16	022.081.020016P	16	14	11	11	27.5	23.5	16 BAR	25	500
25 x 16	022.081.025016P	19	16	14	14	33.5	28	16 BAR	40	300
25 x 20	022.081.025020P	19	14	14	14	33.5	23.5	16 BAR	42	300
32 x 16	022.081.032016P	22	14	17	17	42	23.5	16 BAR	68	160
32 x 20	022.081.032020P	22	16	17	17	42	28	16 BAR	69	140
32 x 25	022.081.032025P	22	19	17	17	42	33.5	16 BAR	70	140
40 x 16	022.081.040016P	26	14	21	21	51	23.5	16 BAR	100	100
40 x 20	022.081.040020P	26	16	21	21	51	28	16 BAR	112	100
40 x 25	022.081.040025P	26	19	21	21	51	34	16 BAR	115	90
40 x 32	022.081.040032P	26	22	21	21	51	42	16 BAR	118	90
50 x 20	022.081.050020P	31	16	26	26	61	28	16 BAR	155	110
50 x 25	022.081.050025P	31	19	26	26	61	34	16 BAR	166	110
50 x 32	022.081.050032P	31	22	26	26	61	42	16 BAR	170	110
50 x 40	022.081.050040P	31	26	26	26	61	51	16 BAR	178	100
63 x 20	022.081.063020P	38	16	33	33	75	28	16 BAR	268	70
63 x 25	022.081.063025P	38	19	33	33	75	34	16 BAR	270	70
63 x 32	022.081.063032P	38	22	33	33	75	42	16 BAR	283	70
63 x 40	022.081.063040P	38	26	33	33	75	51	16 BAR	288	70
63 x 50	022.081.063050P	38	31	33	33	75	61	16 BAR	292	60
75 x 32	022.081.075032P	44	22	39	39	89	42	16 BAR	463	38
75 x 40	022.081.075040P	44	26	39	39	89	51	16 BAR	465	38
75 x 50	022.081.075050P	44	31	39	39	89	61	16 BAR	465	35
75 x 63	022.081.075063P	44	38	39	39	89	75	16 BAR	478	32
90 x 32•	022.081.090032P							16 BAR		17
90 x 40	022.081.090040P	51	26	47	47	106	51	16 BAR	702	24
90 x 50	022.081.090050P	51	31	47	47	106	61	16 BAR	740	24
90 x 63	022.081.090063P	51	38	47	47	106	75	16 BAR	740	22
90 x 75	022.081.090075P	51	44	47	47	106	89	16 BAR	760	22
110 x 32•	022.081.110032P	61		56				16 BAR	1539	9
110 x 40•	022.081.110040P	61		56				16 BAR	1539	9
110 x 50	022.081.110050P	61	31	57	57	129	61	16 BAR	1250	12
110 x 63	022.081.110063P	61	38	57	57	129	75	16 BAR	1200	12
110 x 75	022.081.110075P	61	44	57	57	129	89	16 BAR	1220	12
110 x 90	022.081.110090P	61	51	57	57	129	106	16 BAR	1250	10
125 x 50•	022.081.125050P	69		64				16 BAR	2340	4
125 x 63	022.081.125063P	69	44	66	66	148	75	16 BAR	1660	8
125 x 75	022.081.125075P	69	44	66	66	148	89	16 BAR	1700	8
125 x 90	022.081.125090P	69	51	66	66	148	106	16 BAR	1750	8
125 x 110	022.081.125110P	69	61	66	66	148	129	16 BAR	1830	8
140 x 50•	022.081.140050P	76		71.5				16 BAR	3198	4
140 x 75	022.081.140075P	76	44	72	72	163	89	16 BAR	2460	4
140 x 90	022.081.140090P	76	51	72	72	163	106	16 BAR	2490	4
140 x 110	022.081.140110P	76	61	72	72	163	129	16 BAR	2530	4
140 x 125	022.081.140125P	76	69	72	72	163	148	16 BAR	2590	4
160 x 75•	022.081.160075P	86		81				16 BAR	4840	2
160 x 90	022.081.160090P	86	51	82	82	184	106	16 BAR	3790	3
160 x 110	022.081.160110P	86	61	82	82	184	129	16 BAR	3840	3
160 x 125	022.081.160125P	86	69	82	82	184	148	16 BAR	3890	3
160 x 140	022.081.160140P	86	76	82	82	184	163	16 BAR	3940	3

• NON COMER PRODUCT

UK Wide Next Day Delivery*

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REDUCING TEE

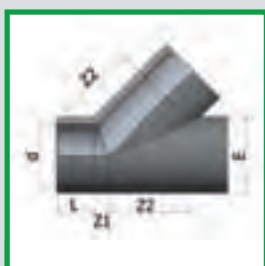


d x d1	PART NO	L	L1	Z	Z1	E	E1	RATED	Wt (g)	Box
180 x 110•	022.081.180110K	97	62	93	93	209	135	10 BAR	5550	35
200 x 90•	022.081.200090K	106	52	58	102	228	112	10 BAR	5200	50
200 x 110•	022.081.200110K	106	63	58	113	228	137	10 BAR	5200	42
200 x 160•	022.081.200160K	106	87	87	103	228	185	10 BAR	6200	28
225 x 90•	022.081.225090K	119.5	51	58	114	258	112	10 BAR	6550	27
225 x 110•	022.081.225110K	119.5	63	58	114	258	135	10 BAR	6600	25
225 x 160•	022.081.225160K	119.5	88	84	115	258	193	10 BAR	8300	24
250 x 110	022.081.250110K	131	61	130	171	288	129	10 BAR	12700	12
250 x 160	022.081.250160K	131	86	130	156	288	185	10 BAR	12800	12
250 x 200	022.081.250200K	131	106	130	136	288	232	10 BAR	13100	14
280 x 160•	022.081.280160I	146	88	84	153	320	193	8 BAR	12500	16
280 x 225•	022.081.280225I	146	117.5	117	148.5	320	258	8 BAR	15200	11
315 x 90•	022.081.315090I	164	51	62	158	355	112	8 BAR	14300	13
315 x 110•	022.081.315110I	164	62	62	158	355	135	8 BAR	14350	13
315 x 160•	022.081.315160I	164	86	83	161	355	193	8 BAR	15150	11
315 x 200•	022.081.315200I	164	106	102	179	355	228	8 BAR	16600	10
315 x 225•	022.081.315225I	164	118.5	117	162	355	320	8 BAR	17500	10
315 x 250•	022.081.315250I	164	131	127	160	355	285	8 BAR	18300	9
400 x 110•	022.081.400110F	206	61	55	200	438	134	5 BAR	17800	8
400 x 225•	022.081.400225G	206	119	163	258	445	356	6 BAR	38980	1
400 x 315•	022.081.400315G	206	164	163	213	445	356	6 BAR	34340	1

REDUCING TEE – FABRICATED

d x d1	PART NO	L	L1	Z	Z1	E	E1	RATED	Wt (g)	Box
355 x 315•	022.081.355315E	184	165	294	302	386	352	4 BAR	36000	3
400 x 315•	022.081.400315E	206	165	280	302	432	352	4 BAR	38700	3
400 x 355•	022.081.400355E	206	184	280	294	432	386	4 BAR	38500	3
500 x 400•	022.081.500400E	159	139	485	540	540	436	2.5 BAR	54000	2

Y PIECE / 45° TEE



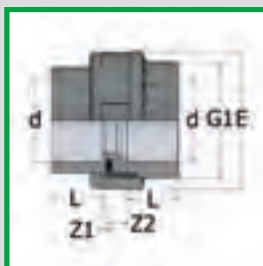
d	PART NO	L	Z1	Z2	E	RATED	Wt (g)	Box
10•	022.071.010P	4		18	16	16 BAR	12	150
12•	022.071.012P	4		21	18	16 BAR	14	150
16•	022.071.016P	14	5	25	23.5	16 BAR	24	150
20	022.071.020P	16	7	29	27.5	16 BAR	36	180
25	022.071.025P	19	7	36	33.5	16 BAR	59	90
32	022.071.032P	22	8	44	42	16 BAR	103	50
40	022.071.040P	26	10	54	50.5	16 BAR	175	50
50	022.071.050P	31	12	65	61	16 BAR	254	35
63	022.071.063P	38	14	80	74.5	16 BAR	420	18
75	022.071.075K	44	18	101	91	10 BAR	690	12
90	022.071.090K	51	20	122	106	10 BAR	1100	12
110	022.071.110K	61	27	149	133	10 BAR	1950	8
125•	022.071.125K	69	30	167	146	10 BAR	3913	3
140•	022.071.140K	76	34	190	163	10 BAR	6035	2
160•	022.071.160K	86	35	200	189	10 BAR	6600	3
200•	022.071.200G	107	49	266		6 BAR	11720	1
225•	022.071.225G	120	55	297		6 BAR	16500	1
250•	022.071.250G	132	60	330		6 BAR	21470	1

• NON COMER PRODUCT



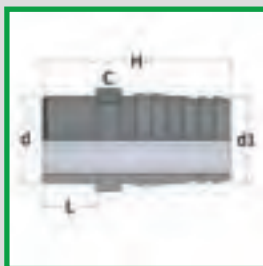
PVC METRIC PRESSURE FITTINGS PLAIN

UNION



d	PART NO	L	Z1	Z2	G1	E	RATED	Wt (g)	Box
10•	022.021.010P	12			5/8"		16 BAR		200
12•	022.021.012P	22			5/8"	18	16 BAR	23	200
16	022.021.016P	14	3	10	3/4"	34	16 BAR	30	200
20	022.021.020P	16	3	10	1"	42	16 BAR	41	180
25	022.021.025P	19	3	10	1 1/4"	52	16 BAR	67	220
32	022.021.032P	22	3	10	1 1/2"	59	16 BAR	90	150
40	022.021.040P	26	3	12	2"	72	16 BAR	135	80
50	022.021.050P	31	3	14	2 1/4"	79	16 BAR	206	120
63	022.021.063P	38	3	18	2 3/4"	96	16 BAR	360	60
75	022.021.075P	44	3	18	3 1/2"	119	10 BAR	580	35
90	022.021.090P	51	5	18	4"	134	10 BAR	777	24
110	022.021.110P	61	5	18	5"	163	10 BAR	1150	12

HOSE ADAPTOR – MALE SPIGOT x mm HOSE TAIL



d x d1	PART NO	L	H	C	Wt (g)	Box
12 x 12	022.261.012012	11	52	19	8	700
16 x 16	022.261.016016	14	66	19	15	500
20 x 20	022.261.020020	16	70	24	23	700
25 x 25	022.261.025025	19	79	27	30	430
32 x 32	022.261.032032	22	83	36	50	250
40 x 40	022.261.040040	26	96	46	73	300
50 x 50	022.261.050050	31	108	55	137	180
63 x 63	022.261.063063	38	130	65	208	100

FULL RANGE OF PP HOSE FITTINGS AVAILABLE SEE PAGE 175

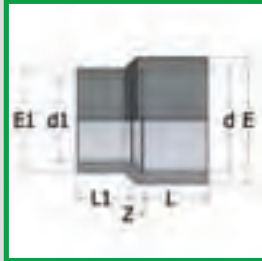
• NON COMER PRODUCT

UK Wide Next Day Delivery*

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



REDUCING SOCKET



d x d1	PART NO	L	L1	Z	E	E1	RATED	Wt (g)	Box
20 x 16	022.601.020016P	16	14	6	28	23	16 BAR	15	500
25 x 16	022.601.025016P	19	14	9.5	32	23	16 BAR	21	300
25 x 20	022.601.025020P	19	16	6	34	28	16 BAR	25	300
32 x 20	022.601.032020P	22	16	9	40	28	16 BAR	25	200
32 x 25	022.601.032025P	22	19	6	42	33	16 BAR	35	170
40 x 20	022.601.040020P	26	16	9	50	28	16 BAR	54	240
40 x 25	022.601.040025P	28	19	12	50	33	16 BAR	49	230
40 x 32	022.601.040032P	26	22	6	51	41	16 BAR	58	220
50 x 25	022.601.050025P	32	19	19	63	33	16 BAR	85	130
50 x 32	022.601.050032P	31	22	12	63	41	16 BAR	100	125
50 x 40	022.601.050040P	31	26	6	61	50	16 BAR	80	130
63 x 40	022.601.063040P	38	26	17.2	75	50	16 BAR	140	80
63 x 50	022.601.063050P	38	31	6	75	60.5	16 BAR	120	100
75 x 40	022.601.075040P	44	26	22.5	90	50	16 BAR	270	60
75 x 50	022.601.075050P	44	31	17.5	90	60.5	16 BAR	295	60
75 x 63	022.601.075063P	44	38	6	89	75	16 BAR	210	45
90 x 40	022.601.090040P	51	26	32.8	110	50	16 BAR	440	45
90 x 50	022.601.090050P	51	31	28	110	60.5	16 BAR	470	45
90 x 63	022.601.090063P	51	38	21.5	110	75	16 BAR	500	60
90 x 75	022.601.090075P	51	44	6	106	88	16 BAR	300	36
110 x 50	022.601.110050P	61	31	34	125	60.5	16 BAR	480	42
110 x 63	022.601.110063P	61	38	27.5	125	75	16 BAR	500	42
110 x 75	022.601.110075P	61	44	22.8	125	88	16 BAR	520	42
110 x 90	022.601.110090P	61	51	6	129	106	16 BAR	510	42
125 x 90	022.601.125090P	69	51	23.8	140	106	16 BAR	575	20
125 x 110	022.601.125110P	69	61	7	145	128	16 BAR	740	20
140 x 90	022.601.140090P	76	51	23.5	160	106	16 BAR	850	12
140 x 110	022.601.140110P	76	61	19	160	128	16 BAR	1140	12
140 x 125	022.601.140125P	76	69	19	160	145	16 BAR	1040	12
160 x 110	022.601.160110P	86	61	28	180	129	16 BAR	1250	12
160 x 125•	022.601.160125K	86	69	31	190	155	10 BAR	2080	12
160 x 140	022.601.160140P	86	76	8	184	164	16 BAR	1350	8
180 x 110•	022.601.180110K	95	62	61	214	138	10 BAR	2500	8
180 x 125•	022.601.180125K	95	68	48	214	154	10 BAR	2700	8
180 x 140•	022.601.180140K	95	76	35	214	170	10 BAR	2700	8
180 x 160•	022.601.180160K	95	86	17	214	190	10 BAR	2800	8
200 x 110•	022.601.200110K	106	61	78	234	138	10 BAR	3100	4
200 x 125•	022.601.200125K	106	68	65	234	154	10 BAR	3100	4
200 x 140•	022.601.200140K	106	76	52	234	170	10 BAR	3200	4
200 x 160	022.601.200160K	106	86	49	226	180	10 BAR	2560	4
200 x 180•	022.601.200180K	106	95	17	234	214	10 BAR	3300	4
225 x 110•	022.601.225110K	103	62	100	258	138	10 BAR	4000	4
225 x 125•	022.601.225125K	103	68	88	258	154	10 BAR	4000	4
225 x 140•	022.601.225140K	103	76	74	258	170	10 BAR	3800	4
225 x 160•	022.601.225160K	103	86	57	258	190	10 BAR	4000	4
225 x 180•	022.601.225180K	103	95	40	258	214	10 BAR	3500	4
225 x 200	022.601.225200K	119	106	11	258	227	10 BAR	3500	2
250 x 110•	022.601.250110K	106	62	122	283	138	10 BAR	4500	2
250 x 125•	022.601.250125K	106	68	108	283	154	10 BAR	4700	2
250 x 140•	022.601.250140K	106	76	96	283	170	10 BAR	4600	2
250 x 160•	022.601.250160K	106	86	78	283	190	10 BAR	4700	2
250 x 180•	022.601.250180K	106	95	62	283	214	10 BAR	4600	2
250 x 200•	022.601.250200K	106	102	44	283	234	10 BAR	4500	2
250 x 225•	022.601.250225K	106	103	22	283	258	10 BAR	4900	2

• NON COMER PRODUCT

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ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

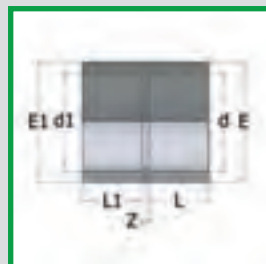
GUIDELINES

REDUCING SOCKET



d x d1	PART NO	L	L1	Z	E	E1	RATED	Wt (g)	Box
280 x 110	022.601.280110I	102	62	150	317	138	8 BAR	5400	2
280 x 125	022.601.280125I	102	68	136	317	154	8 BAR	5400	2
280 x 140	022.601.280140I	102	76	123	317	170	8 BAR	5400	2
280 x 160	022.601.280160I	102	89	105	317	190	8 BAR	5700	2
280 x 180	022.601.280180I	102	95	87	317	214	8 BAR	5700	2
280 x 200	022.601.280200I	102	102	70	317	234	8 BAR	5800	2
280 x 225	022.601.280225I	102	103	47	317	258	8 BAR	5500	2
280 x 250	022.601.280250I	102	105	26	317	283	8 BAR	5400	2
315 x 160	022.601.315160I	105	86	135	355	190	8 BAR	6400	2
315 x 180	022.601.315180I	105	95	117	355	214	8 BAR	6600	2
315 x 200	022.601.315200I	105	102	100	355	234	8 BAR	6800	2
315 x 225	022.601.315225I	105	103	79	355	258	8 BAR	7200	2
315 x 250	022.601.315250I	105	105	57	355	283	8 BAR	6800	2
315 x 280	022.601.315280I	105	101	31	355	317	8 BAR	7100	2
355 x 315	022.601.355315F	105	105	35	394	355	5 BAR	7500	2
400 x 160	022.601.400160F	105	86	219	435	190	5 BAR	10550	1
400 x 225	022.601.400225F	105	103	162	435	263	5 BAR	11300	1
400 x 280	022.601.400280F	105	110	100	435	320	5 BAR	9800	1
400 x 315	022.601.400315F	105	105	75	435	355	5 BAR	9500	1
400 x 355	022.601.400355F	105	105	40	435	394	5 BAR	9000	1
500 x 400	022.601.500400E	159	139	90	540	436	4 BAR	16100	1

INCH / METRIC ADAPTOR SOCKET



d1 x d	PART NO	L	L1	Z	E	E1	Wt (g)	Box
1/2" x 20	023.011.02020	16	16	3	28	28	15	400
3/4" x 25	023.011.03025	19	19	3	33	33	23	500
1" x 32	023.011.04032	22	22	3	41	41	36	300
1 1/4" x 40	023.011.05040	26	26	3	50	50	60	200
1 1/2" x 50	023.011.06050	31	31	3	60.5	60.5	85	220
2" x 63	023.011.07063	38	38	3	75	75	145	125
3" x 90	023.011.09090	51	51	5	106	106	353	45
4" x 110	023.011.10110	61	61	6	129	129	605	24
6" x 160	023.011.12160	88	95	8	181	191	1500	6

• 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

REDUCING PIECE – FEMALE / MALE / FEMALE



d x d1 x d2	PART NO	L	L1	L2	Z	E	RATED	Wt (g)	Box
20 x 25 x 16	022.561.020016P	16	14	19	6	23	16 BAR	15	600
20 x 25 x 20	022.561.020020P	16	16	19	6	28	16 BAR	17	600
25 x 32 x 16	022.561.025016P	19	14	22	6	23	16 BAR	21	300
25 x 32 x 20	022.561.025020P	19	16	22	6	28	16 BAR	25	300
25 x 32 x 25	022.561.025025P	19	19	22	6	33	16 BAR	28	280
32 x 40 x 20	022.561.032020P	22	16	24	9	28	16 BAR	27	200
32 x 40 x 25	022.561.032025P	22	19	24	8	33	16 BAR	28	170
32 x 40 x 32	022.561.032032P	22	22	26	9	41	16 BAR	38	350
40 x 50 x 20	022.561.040020P	26	16	31	9	28	16 BAR	54	240
40 x 50 x 25	022.561.040025P	28	19	31	12	33	16 BAR	49	230
40 x 50 x 32	022.561.040032P	28	22	31	9	41	16 BAR	53	200
40 x 50 x 40	022.561.040040P	26	26	31	10	50	16 BAR	75	190
50 x 63 x 25	022.561.050025P	32	19	38	19	33	16 BAR	85	130
50 x 63 x 32	022.561.050032P	31	22	38	12	41	16 BAR	100	125
50 x 63 x 40	022.561.050040P	31	26	38	12	50	16 BAR	110	120
50 x 63 x 50	022.561.050050P	31	31	38	12	60.5	16 BAR	110	100
63 x 75 x 40	022.561.063040P	38	26	44	17.2	50	16 BAR	140	80
63 x 75 x 50	022.561.063050P	38	31	44	12.3	60.5	16 BAR	130	80
63 x 75 x 63	022.561.063063P	38	38	44	3	75	16 BAR	140	60
75 x 90 x 40	022.561.075040P	44	26	51	22.5	50	16 BAR	270	45
75 x 90 x 50	022.561.075050P	44	31	51	17.5	60.5	16 BAR	295	45
75 x 90 x 63	022.561.075063P	44	38	51	11.1	75	16 BAR	320	36
75 x 90 x 75	022.561.075075P	44	44	51	3	88	16 BAR	345	80
90 x 110 x 40	022.561.090040P	51	26	61	32.8	50	16 BAR	440	45
90 x 110 x 50	022.561.090050P	51	31	61	28	60.5	16 BAR	470	45
90 x 110 x 63	022.561.090063P	51	38	61	21.5	75	16 BAR	500	45
90 x 110 x 75	022.561.090075P	51	44	61	15.7	88	16 BAR	525	45
90 x 110 x 90	022.561.090090P	51	51	61	5	106	16 BAR	550	45
110 x 125 x 50	022.561.110050P	61	31	69	34	60.5	16 BAR	480	42
110 x 125 x 63	022.561.110063P	61	38	69	27.5	75	16 BAR	500	42
110 x 125 x 75	022.561.110075P	61	44	69	22.8	88	16 BAR	520	42
110 x 125 x 90	022.561.110090P	61	51	69	17	106	16 BAR	530	42
110 x 125 x 110	022.561.110110P	61	61	69	5	129	16 BAR	610	24
125 x 140 x 90	022.561.125090P	69	51	76	23.8	106	16 BAR	575	30
125 x 140 x 110	022.561.125110P	69	61	76	17	129	16 BAR	645	20
125 x 140 x 125	022.561.125125P	69	69	76	6	145	16 BAR	590	20
140 x 160 x 90	022.561.140090P	76	51	86	23.5	106	16 BAR	850	16
140 x 160 x 110	022.561.140110P	76	61	86	18	129	16 BAR	905	16
140 x 160 x 125	022.561.140125P	76	69	86	8	145	16 BAR	960	12
140 x 160 x 140	022.561.140140P	76	76	86	8	164	16 BAR	990	12

ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES



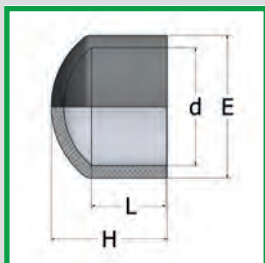
PVC METRIC PRESSURE FITTINGS PLAIN

CROSS



d	PART NO	L	Z	E	RATED	Wt (g)	Box
10•	022.191.010P	12	6.5	16	16 BAR	12	150
12•	022.191.012P	12	7.5	18	16 BAR	13	150
16•	022.191.016P	14	9.5	23.5	16 BAR	23	150
20	022.191.020P	16	11	27.5	16 BAR	30	200
25	022.191.025P	19	14	33.5	16 BAR	60	100
32	022.191.032P	22	17	42	16 BAR	110	50
40	022.191.040P	26	21	51	16 BAR	180	60
50	022.191.050P	31	26	61	16 BAR	270	35
63	022.191.063P	38	33	75	16 BAR	510	20
75	022.191.075K	44	40	89	10 BAR	776	10
90	022.191.090P	51	46	106	10 BAR	933	12
110	022.191.110P	61	56	129.5	10 BAR	1588	7

CAP



d	PART NO	L	H	E	RATED	Wt (g)	Box
10•	022.221.010P	12	17	16	16 BAR	3.5	250
12•	022.221.012P	12	18	18	16 BAR	4	250
16	022.221.016P	14	22	23	16 BAR	7	700
20	022.221.020P	16	27	28	16 BAR	10	500
25	022.221.025P	19	31	33	16 BAR	18	350
32	022.221.032P	22	36	41	16 BAR	30	450
40	022.221.040P	28	43	52	16 BAR	45	300
50	022.221.050P	32	49	59.0	16 BAR	57	180
63	022.221.063P	39	57	73	16 BAR	101	100
75	022.221.075P	44	67	89	16 BAR	178	60
90	022.221.090P	51	80	106	16 BAR	295	65
110	022.221.110P	61	95	129	16 BAR	490	40
125	022.221.125P	69	102	145	16 BAR	680	33
140	022.221.140P	76	114	161	16 BAR	920	20
160	022.221.160P	86	126	181	16 BAR	1146	14
200	022.221.200P	106	145	227	16 BAR	2048	7
225	022.221.225P	119	160	254	16 BAR	2684	6
250•	022.221.250K	131	208	286	10 BAR	5530	2
315•	022.221.315K	164	234	357	10 BAR	8828	1
400•	022.221.400G	206	332	434	4 BAR	13300	1

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REDUCING BUSH



FIG A

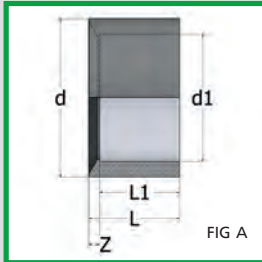


FIG A



FIG B

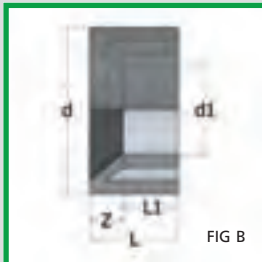


FIG B

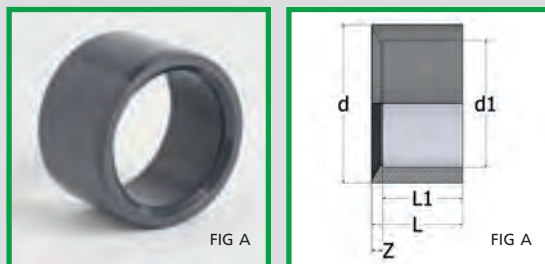


d x d1	PART NO	L	L1	Z	FIG	RATED	Wt (g)	Box
16 x 12•	022.091.016012P	14	12	2	A	16 BAR	2	250
20 x 10•	022.091.020010P	16	12	4	A	16 BAR	5	250
20 x 12•	022.091.020012P	16	12	4	A	16 BAR	5	250
20 x 16	022.091.020016P	16	14	2	A	16 BAR	5	1200
25 x 12•	022.091.025012P	19	12	7	B	16 BAR	8	250
25 x 16	022.091.025016P	19	14	5	A	16 BAR	10	700
25 x 20	022.091.025020P	19	16	3	A	16 BAR	6	700
32 x 16	022.091.032016P	22	14	8	B	16 BAR	15	450
32 x 20	022.091.032020P	22	16	6	A	16 BAR	15	450
32 x 25	022.091.032025P	22	19	3	A	16 BAR	10	450
40 x 16•	022.091.040016P	26	14	12	B	16 BAR	26	200
40 x 20	022.091.040020P	26	16	10	B	16 BAR	29	270
40 x 25	022.091.040025P	26	19	7	A	16 BAR	28	270
40 x 32	022.091.040032P	26	22	4	A	16 BAR	19	270
50 x 20•	022.091.050020P	31	16	15	B	16 BAR	43	200
50 x 25	022.091.050025P	33	19	14	B	16 BAR	45	350
50 x 32	022.091.050032P	33	22	9	B	16 BAR	45	350
50 x 40	022.091.050040P	33	28	5	A	16 BAR	35	350
63 x 25	022.091.063025P	38	19	19	B	16 BAR	86	180
63 x 32	022.091.063032P	38	22	16	B	16 BAR	83	180
63 x 40	022.091.063040P	38	26	12	B	16 BAR	83	180
63 x 50	022.091.063050P	38	31	7	A	16 BAR	61	180
75 x 32	022.091.075032P	44	22	22	B	16 BAR	135	110
75 x 40	022.091.075040P	44	26	18	B	16 BAR	125	110
75 x 50	022.091.075050P	44	31	14	B	16 BAR	122	110
75 x 63	022.091.075063P	44	38	6	A	16 BAR	85	110
90 x 50	022.091.090050P	51	31	20	B	16 BAR	205	65
90 x 63	022.091.090063P	51	38	13	B	16 BAR	180	65
90 x 75	022.091.090075P	51	44	7	A	16 BAR	140	65
110 x 50•	022.091.110050P	61	31	30	B	16 BAR	306	25
110 x 63	022.091.110063P	61	38	23	B	16 BAR	372	40
110 x 75	022.091.110075P	61	44	17	B	16 BAR	342	40
110 x 90	022.091.110090P	61	51	10	A	16 BAR	266	40
125 x 75	022.091.125075P	69	44	25	B	16 BAR	440	50
125 x 90	022.091.125090P	69	51	18	B	16 BAR	373	50
125 x 110	022.091.125110P	69	61	8	A	16 BAR	260	50
140 x 75•	022.091.140075P	76	44	32	B	16 BAR	582	15
140 x 90	022.091.140090P	76	51	25	B	16 BAR	600	40
140 x 110	022.091.140110P	76	61	15	B	16 BAR	480	40
140 x 125	022.091.140125P	76	69	7	A	16 BAR	335	40
160 x 90	022.091.160090P	88	56	30	B	16 BAR	850	24
160 x 110	022.091.160110P	88	63	25	B	16 BAR	820	24
160 x 125	022.091.160125P	88	71	17	B	16 BAR	745	24
160 x 140	022.091.160140P	86	76	10	A	16 BAR	565	24
180 x 125	022.091.180125P	96	69	27	B	16 BAR	1150	18
180 x 140	022.091.180140P	96	76	20	B	16 BAR	1020	18
180 x 160	022.091.180160P	96	86	10	A	16 BAR	705	18
200 x 110•	022.091.200110K	106	61	45	B	10 BAR	1750	12
200 x 125•	022.091.200125K	106	69	37	B	10 BAR	1850	12
200 x 140•	022.091.200140K	106	77	29	B	10 BAR	1645	12
200 x 160	022.091.200160P	106	86	20	B	16 BAR	1360	12
200 x 180	022.091.200180P	106	96	10	A	16 BAR	870	12
225 x 110•	022.091.225110K	119	61	57	B	10 BAR	2300	7
225 x 125•	022.091.225125K	119	69	49	B	10 BAR	1925	7
225 x 140•	022.091.225140K	119	77	41	B	10 BAR	2360	7
225 x 160	022.091.225160P	119	86	33	B	16 BAR	1700	7
225 x 180•	022.091.225180K	119	96	22	A	10 BAR	2250	7
225 x 200	022.091.225200P	119	106	13	A	16 BAR	1360	7

• NON COMER PRODUCT

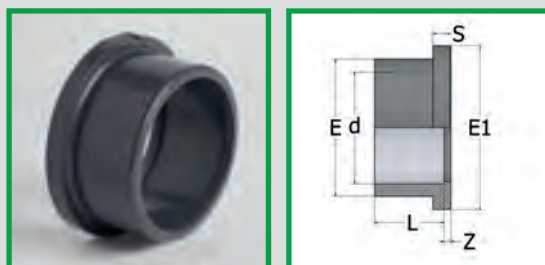


REDUCING BUSH



d x d1	PART NO	L	L1	Z	FIG	RATED	Wt (g)	Box
250 x 125	022.091.250125K	131	69	62	B	10 BAR	3460	
250 x 140	022.091.250140K	132	77	55	B	10 BAR	3350	6
250 x 160	022.091.250160K	134	87	47	B	10 BAR	2184	6
250 x 180	022.091.250180K	132	96	36	B	10 BAR	3300	6
250 x 200	022.091.250200K	134	107	27	B	10 BAR	2700	6
250 x 225	022.091.250225K	132	120	12	A	10 BAR	2100	6
280 x 140	022.091.280140K	146	76	70	B	10 BAR	4380	5
280 x 160	022.091.280160K	146	86	60	B	10 BAR	4490	5
280 x 200	022.091.280200I	146	106	40	B	8 BAR	4100	5
280 x 225	022.091.280225K	147	120	27	B	10 BAR	3090	4
280 x 225	022.091.280225I	146	119	27	B	8 BAR	3200	4
280 x 250	022.091.280250K	147	132	15	A	10 BAR	2520	4
280 x 250	022.091.280250I	146	131	15	A	8 BAR	2400	4
315 x 160	022.091.315160I	163	86	77	B	8 BAR	5600	5
315 x 200	022.091.315200K	165	107	58	B	10 BAR	8550	5
315 x 200	022.091.315200I	163	106	57	B	8 BAR	5000	5
315 x 225	022.091.315225K	165	132	33	B	10 BAR	8085	5
315 x 225	022.091.315225I	163	119	44	B	8 BAR	4500	5
315 x 250	022.091.315250K	165	132	33	B	10 BAR	4100	5
315 x 250	022.091.315250I	163	131	32	B	8 BAR	5000	5
315 x 280	022.091.315280K	165	149	16	A	10 BAR	4630	5
315 x 280	022.091.315280I	163	146	17	A	8 BAR	3600	5
355 x 315	022.091.355315F	184	163	21	A	5 BAR	5500	3
400 x 250	022.091.400250G	206	131	75	B	6 BAR	11540	3
400 x 280	022.091.400280G	206	146	60	B	6 BAR	11410	3
400 x 315	022.091.400315F	206	163	42	B	5 BAR	10200	3
400 x 355	022.091.400355F	206	184	21	A	5 BAR	7500	3

STUB FLANGE



d	PART NO	L	Z	S	E	E1	RATED	Wt (g)	Box
20	022.111.020P	16	3	6	27	34	16 BAR	10	550
25	022.111.025P	19	3	7	33	41	16 BAR	16	300
32	022.111.032P	22	3	7	41	50	16 BAR	25	200
40	022.111.040P	26	3	8	50	61	16 BAR	40	250
50	022.111.050P	31	3	8	61	73	16 BAR	60	180
63	022.111.063P	38	3	9	76	90	16 BAR	113	90
75	022.111.075P	44	3	10	90	106	16 BAR	160	120
90	022.111.090P	51	5	11	108	125	16 BAR	263	70
110	022.111.110P	61	5	12	131	150	16 BAR	430	45
125	022.111.125P	69	5	12	147	167	16 BAR	540	25
140	022.111.140P	77	7	13	163	187	16 BAR	750	20
160	022.111.160P	86	6	16	185	213	16 BAR	1024	16
180	022.111.180K	93	8	15	201	247	10 BAR	1215	10
200	022.111.200P	106	7	18	231	253	16 BAR	1887	7
225	022.111.225P	119	8	19	247	274	16 BAR	1746	6
250	022.111.250K	131	10	20	273	307	10 BAR	2320	4
280	022.111.280K	142	10	23	308	329	10 BAR	3036	5
280	022.111.280I	145	8.5	27	306	327	8 BAR	2900	5
315	022.111.315K	161	11	27	346	379	10 BAR	4578	3
315	022.111.315I	164	8.5	30	342	378	8 BAR	4100	3
355	022.111.355G	184	8	30	386	431	5 BAR	6050	3
400	022.111.400G	206	12	30	432	483	5 BAR	8100	2
450	022.111.450E	155	8	30	487	540	4 BAR	8100	2
500	022.111.500E	153	8	31	532	574	4 BAR	7400	2

• NON COMER PRODUCT

UK Wide Next Day Delivery*

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PVC METRIC PRESSURE FITTINGS PLAIN

UNIVERSAL DRILLED FULL FACE FLANGE



d	PART NO	L	Z	E	S	I	Holes	Bolt Dia	Wt (g)	Box
63	022.141.07-UNIV	38	4.5	125	18	165	4	M16	380	36
75	021.141.08-UNIV	44	6	145	19	185	4	M16	505	15
90	022.141.09-UNIV	51	7	160	20	200	8	M16	685	30
110	022.141.10-UNIV	61	8	180	22	220	8	M16	940	24

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.

FULL FACE FLANGE – NP10/16



d	PART NO	L	Z	E	S	I	F	Holes	Bolt Dia	Wt (g)	Box
20	022.141.020Z	16	4.5	95	11	65	14	4	M12	78	100
25	022.141.025Z	19	4.5	105	12	75	14	4	M12	105	60
32	022.141.032Z	22	4.5	115	14	85	14	4	M12	143	50
40	022.141.040Z	26	4.5	142	15	100	18	4	M16	220	50
50	022.141.050Z	31	4.5	152	16	110	18	4	M16	280	48
63	022.141.063Z	38	4.5	165	18	125	18	4	M16	380	36
75	022.141.075Z	44	6	185	19	145	18	4	M16	505	15
90	022.141.090Z	51	7	200	20	160	18	8	M16	685	30
110	022.141.110Z	61	8	220	22	180	18	8	M16	940	24

FULL FACE FLANGE – NP10



d	PART NO	L	Z	E	S	I	F	Holes	Bolt Dia	Wt (g)	Box
125*	022.141.125Y	69	5	235	26	210	18	8	M16	1329	12
140*	022.141.140Y	76	5	250	26	210	18	8	M16	1480	10
160*	022.141.160Y	86	5	287	30	240	22	8	M20	2300	6
200*	022.141.200Y	106	7	340	36	295	22	8	M20	3093	6
225*	022.141.225Y	119	7	344	33	295	22	8	M20	3450	4
250*	022.141.250Y	131	9	400	36	350	22	12	M20	4185	2
280*	022.141.280Y	146	9	395	36	350	22	12	M20	4535	2
315*	022.141.315Y	164	10	445	36	400	22	12	M20	5740	1

* 125mm FULL FACE FLANGES HAVE A 5" NP10 DRILLING

FULL FACE FLANGE – ASA 150



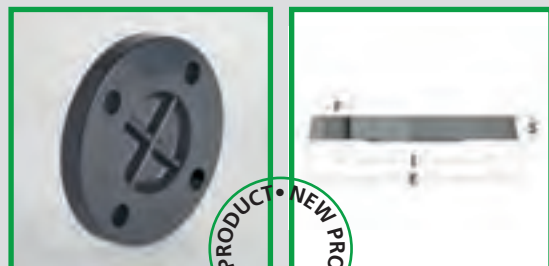
d	PART NO	L	Z	E	S	I	F	Holes	Bolt Dia	Wt (g)
25*	022.141.025X	20	4.5	100	18	70	16	4	M12	180
32*	022.141.032X	29	4.5	115	17	79	16	4	M12	240
40*	022.141.040X	32	4.5	119	19	89	16	4	M12	280
50*	022.141.050X	36	4.5	129	24	98	16	4	M12	400
63*	022.141.063X	42	4.5	165	20	121	19	4	M16	440
75*	022.141.075X	47	4.5	189	23	140	19	4	M16	860
90*	022.141.090X	52	6	193	27	152	19	4	M16	950
110*	022.141.110X	64	7	233	27	190	19	8	M16	1400
160*	022.141.160X	86	8	287	30	241	22	8	M20	2300

• NON COMER PRODUCT



PVC METRIC PRESSURE FITTINGS PLAIN

UNIVERSAL DRILLED BLANK FLANGE



SIZE	PART NO	E	I	HOLES	Bolt Dia	Wt (g)	Box
63	021.161.07-UNIV	165	125	4	M16	360	50
75	021.161.08-UNIV	185	145	4	M16	480	35
90	021.161.09-UNIV	200	160	8	M16	635	50
110	021.161.10-UNIV	220	180	8	M16	825	20
160	021.161.12-UNIV	285	240	8	M20	1617	12

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.

BLANK FLANGE – NP10/16



SIZE	PART NO	E	I	F	HOLES	Bolt Dia	Wt (g)	Box
20	021.161.02Z	95	65	14	4	M12	75	150
25	021.161.03Z	105	75	14	4	M12	100	80
32	021.161.04Z	115	85	14	4	M12	137	65
40	021.161.05Z	142	100	18	4	M16	225	70
50	021.161.06Z	152	110	18	4	M16	280	65
63	021.161.07Z	165	125	18	4	M16	355	50
75	021.161.08Z	185	145	18	4	M16	488	35
90	021.161.09Z	200	160	18	8	M16	640	30
110	021.161.10Z	220	180	18	8	M16	825	20
125	022.161.125Z	230	190	18	8	M16	950	1
140	021.161.11Z	250	210	18	8	M16	1165	16
160	021.161.12Z	283	240	22	8	M20	1589	12

BLANK FLANGE – NP10



SIZE	PART NO	E	I	F	HOLES	Bolt Dia	Wt (g)
180•	022.161.180Y	318	270	22	8	M20	3100
200•	021.161.13Y	345	295	22	8	M20	3550
225•	021.161.13Y	345	295	22	8	M20	3550
250•	021.161.14Y	399	350	22	8	M20	4600
280•	021.161.15Y	399	350	22	12	M20	4600
315•	021.161.16Y	450	400	22	12	M20	7100
355•	021.161.17Y	505	460	23	16	M20	6920
400•	021.161.17Z	565	515	26	16	M24	8940

BLANK FLANGE – ASA 150



SIZE	PART NO	E	I	F	HOLES	Bolt Dia	Wt (g)
32•	021.161.04X	115	79	16	4	M12	220
40•	021.161.05X	119	89	16	4	M12	430
50•	021.161.06X	129	98	16	4	M12	440
63•	021.161.07X	165	121	19	4	M16	520
75•	021.161.08X	189	140	19	4	M16	800
90•	021.161.09X	193	152	19	4	M16	1020
110•	021.161.10X	233	190	19	8	M16	1270
160•	021.161.12X	287	241	22	8	M20	2400

• NON COMER PRODUCT

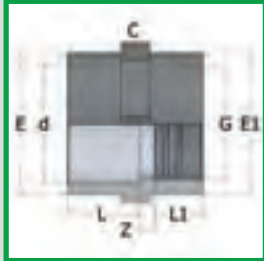
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PVC METRIC PRESSURE FITTINGS PLAIN / THREADED (BSP)

SOCKET



d x G	PART NO	L	L1	Z	E	E1	C	RATED	Wt (g)	Box
12 x 1/4"•	023.012.01200P	12	12	2				16 BAR	13	100
16 x 1/4"•	023.012.01600P	14	12	3				16 BAR	16	100
16 x 3/8"	023.012.01601K	14	11.4	3	23.5	23.5	24	10 BAR	9	600
20 x 1/4"•	023.012.02000P	16	12	5				16 BAR	26	50
20 x 3/8"•	023.012.02001P	16	12	5				16 BAR	23	100
20 x 1/2"	023.012.02002K	16	15	4	28	28	30	10 BAR	18	350
25 x 3/8"•	023.012.02501P	19	12	8				16 BAR	37	50
25 x 1/2"•	023.012.02502P	19	15	5				16 BAR	34	100
25 x 3/4"	023.012.02503K	19	16.3	4	34	34	34	10 BAR	25	250
32 x 1/2"•	023.012.03202P	22	15	10				16 BAR	56	100
32 x 3/4"•	023.012.03203P	22	16	9				16 BAR	58	100
32 x 1"	023.012.03204K	22	19.1	5	42	42	42	10 BAR	38	300
40 x 3/4"•	023.012.04003K	26	16	6				10 BAR	76	50
40 x 1"•	023.012.04004P	26	22	4				16 BAR	88	100
40 x 1 1/4"	023.012.04005K	26	21.4	5	50	50	55	10 BAR	68	180
50 x 1"•	023.012.05004K	31	22	2				10 BAR	107	100
50 x 1 1/4"•	023.012.05005P	31	23	4				16 BAR	130	100
50 x 1 1/2"	023.012.05006K	31	21.4	5	61	57.5	65	10 BAR	95	120
63 x 1 1/4"•	023.012.06305K	38	23	3				10 BAR	184	50
63 x 1 1/2"•	023.012.06306P	38	25	7				16 BAR	231	50
63 x 2"	023.012.06307K	38	25.7	5	75	71.5	75	10 BAR	165	75
75 x 1 1/2"•	023.012.07506K	44	23	5				10 BAR	285	40
75 x 2"•	023.012.07507K	44	27	4				10 BAR	295	45
75 x 2 1/2"	023.012.07508K	44	30.2	5	89	88.5	90	10 BAR	215	45
90 x 3"	023.012.09009K	51	33.3	8	106	106	110	10 BAR	340	54
110 x 4"	023.012.11010K	61	39.3	8	129	129	129	10 BAR	505	30
125 x 5"	023.012.12511K	69	43.6	41	145	144		10 BAR	1080	12

SOCKET – S/S REINFORCED



d x G	PART NO	L	L1	Z	E	E1	RATED	Wt (g)	Box
16 x 3/8"•	023.342.01601P	14	12	3			16 BAR	20	100
20 x 1/2"	023.342.02002P	16	15	4	28	29	16 BAR	23	350
25 x 3/4"	023.342.02503P	19	16.3	6	34	35	16 BAR	32	200
32 x 1"	023.342.03204P	22	19.1	6	42	43	16 BAR	47	300
40 x 3/4"•	023.342.04003P	26	16	6			16 BAR	85	150
40 x 1 1/4"	023.342.04005P	26	21.4	8	50.5	51.5	16 BAR	78	170
50 x 1"•	023.342.05004P	31	22	2			16 BAR	119	100
50 x 1 1/2"	023.342.05006P	31	21.4	13	61	62	16 BAR	107	100
63 x 1 1/4"•	023.342.06305P	38	23	3			16 BAR	200	50
63 x 2"	023.342.06307P	38	25.7	15	75	76	16 BAR	180	75
75 x 1 1/2"•	023.342.07506K	44	23	5			10 BAR	300	40
75 x 2"•	023.342.07507K	44	27	4			10 BAR	296	35
75 x 2 1/2"	023.342.07508K	44	31	3			10 BAR	331	25
90 x 3"	023.342.09009K	51	36	3			10 BAR	530	24
110 x 4"	023.342.11010K	56	45	5			10 BAR	807	15

• NON COMER PRODUCT

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ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES

90° ELBOW



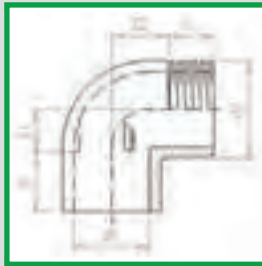
d x G	PART NO	L	L1	Z	Z1	E	Wt (g)	Box
16 x 3/8"	023.032.01601K	14	11.4	9	11.6	23.5	13	450
20 x 1/2"	023.032.02002K	16	15	11	12	26.5	20	300
25 x 3/4"	023.032.02503K	19	16.3	14	16	32.5	35	250
32 x 1"	023.032.03204K	22	19.1	17	19.7	41	60	200
40 x 1 1/4"	023.032.04005K	26	21.4	23	19.9	50	90	120
50 x 1 1/2"	023.032.05006K	31	21.4	28	27.6	60	155	140
63 x 2"	023.032.06307K	38	25.7	34	37.6	75	290	70
75 x 2 1/2"	023.032.07508K	44	30.2	40	46.3	89	410	40
90 x 3"	023.032.09009K	51	33.3	48	53.8	106	700	25
110 x 4"	023.032.11010K	61	39.3	58	65.7	129	1040	14

90° ELBOW – S/S REINFORCED



d x G	PART NO	L	L1	Z	Z1	E	E1	Wt (g)	Box
16 x 3/8"•	023.352.01601P	14	12	11	11			19.5	50
20 x 1/2"	023.352.02002P	16	15	11	12	26.5	27.5	25	300
25 x 3/4"	023.352.02503P	19	16.3	14	16.7	32.5	33.5	42	350
32 x 1"	023.352.03204P	22	19.1	17	19.9	41	42	69	200
40 x 1 1/4"	023.352.04005P	26	21.4	21	25.6	50	51	99	110
50 x 1 1/2"	023.352.05006P	31	21.4	26	35.6	60	61	168	125
63 x 2"	023.352.06307P	38	25.7	33	45.3	75	76	305	70
75 x 2 1/2"•	023.352.07508P	44	36	39	47			535	30
90 x 3"•	023.352.09009P	51	39	46	58			875	17
110 x 4"•	023.352.11010P	61	39	56	78			1397	12

90° ELBOW – MALE THREAD ONE END



d1 x d2	PART NO	Z1	Z2	B	C	RATED	Wt (g)	Box
20 x 3/4"•	023.542.02003P	11	17	16	16	16 BAR	23	200
25 x 1"•	023.542.02504P	17	20	19	19	10 BAR	36	350
32 x 3/4"•	023.542.03203K	21	29	22	19	10 BAR	48	250
32 x 1"•	023.542.03204K	21	30	22	19	10 BAR	47	250
32 x 1 1/4"•	023.542.03205K	17	24	22	21	10 BAR	50	250
40 x 1 1/4"•	023.542.04005K	22	27	26	21	10 BAR	67	200
40 x 1 1/2"•	023.542.04006K	22	27	26	21	10 BAR	81	175
50 x 1 1/4"•	023.542.05005K	28	34	31	21	10 BAR	92	150
50 x 1 1/2"•	023.542.05006K	28	34	31	21	10 BAR	112	175
50 x 2"•	023.542.05007K	28	34	31	26	10 BAR	141	100

45° ELBOW



d x G	PART NO	L	L1	Z	Z1	E	Wt (g)	Box
16 x 3/8"	023.042.01601K	14	11.4	5.5	8.1	23.5	10	500
20 x 1/2"	023.042.02002K	16	15	5.5	6.5	28	18	350
25 x 3/4"	023.042.02503K	19	16.3	6	8.7	34	30	400
32 x 1"	023.042.03204K	22	19.1	8	10.9	42	48	250
40 x 1 1/4"	023.042.04005K	26	21.4	10	14.6	51	79	150
50 x 1 1/2"	023.042.05006K	31	21.4	12	21.6	61	130	170
63 x 2"	023.042.06307K	38	25.7	15	27.3	75	222	90
75 x 2 1/2"	023.042.07508K	44	30.2	18	31.8	89	335	50
90 x 3"	023.042.09009K	51	33.3	21	38.7	106	553	30
110 x 4"	023.042.11010K	61	39.3	25	46.7	129	928	16

• NON COMER PRODUCT

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ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES

PVC METRIC PRESSURE FITTINGS PLAIN / THREADED (BSP)

45° ELBOW – S/S REINFORCED



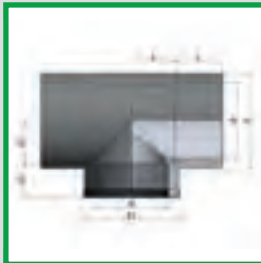
D x G	PART NO	L	Z	E	Wt (g)
20 x 1/2"•	023.522.02002P	16	5	28	21
25 x 3/4"•	023.522.02503P	19	6	34	38
32 x 1"•	023.522.03204P	22	8	43	60
40 x 1 1/4"•	023.522.04005P	26	10	54	120
50 x 1 1/2"•	023.522.05006P	31	12	63	171
63 x 2"•	023.522.06307P	38	14	78	322

EQUAL TEE



d x G	PART NO	L	L1	Z	Z1	E	Wt (g)	Box
16 x 3/8"	023.062.01601K	14	11.4	9	11.6	23.5	17	350
20 x 1/2"	023.062.02002K	16	15	11	12	27.5	30	200
25 x 3/4"	023.062.02503K	19	16.3	14	16	33.5	45	250
32 x 1"	023.062.03204K	22	19.1	17	19.7	42	75	130
40 x 1 1/4"	023.062.04005K	26	21.4	23	19.9	51	120	80
50 x 1 1/2"	023.062.05006K	31	21.4	28	27.6	61	195	90
63 x 2"	023.062.06307K	38	25.7	34	37.6	75	350	50
75 x 2 1/2"	023.062.07508K	44	30.2	40	38	89	505	32
90 x 3"	023.062.09009K	51	33.3	48	53.8	106	840	20
110 x 4"	023.062.11010K	61	39.3	58	65.7	129	1325	10

EQUAL TEE – S/S REINFORCED



d x G	PART NO	L	L1	Z	Z1	E	E1	Wt (g)	Box
20 x 1/2"	023.362.02002P	16	15	11	12	27.5	28.5	35	200
25 x 3/4"	023.362.02503P	19	16.3	14	16.7	33.5	34.5	52	250
32 x 1"	023.362.03204P	22	19.1	17	19.9	42	43	84	120
40 x 1 1/4"	023.362.04005P	26	21.4	21	25.6	51	52	130	80
50 x 1 1/2"	023.362.05006P	31	21.4	26	35.6	61	62	207	90
63 x 2"	023.362.06307P	38	25.7	33	45.3	75	76	365	50

• NON COMER PRODUCT

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ABS

PVC IMPERIAL

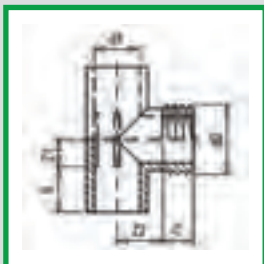
PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

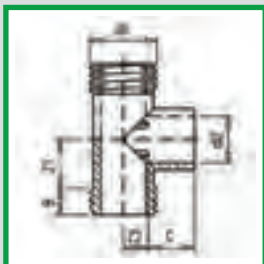
GUIDELINES

TEE – EXTERNAL THREAD ON BRANCH



d1 x d2	PART NO	Z1	Z2	B	C	RATED	Wt (g)	Box
20 x 3/4"	023.552.02003P	11	17	16	17	16 BAR	30	250
25 x 3/4"	023.552.02503P	14	20	19	17	16 BAR	43	300
25 x 1"	023.552.02504P	14	20	19	19	16 BAR	48	250
32 x 3/4"	023.552.03203P	17	23	22	17	16 BAR	70	200
32 x 1"	023.552.03204P	17	23	22	19	16 BAR	75	200
32 x 1 1/4"	023.552.03205K	17	23	22	19	10 BAR	63	225
40 x 1"	023.552.04004P	23	27	26	19	16 BAR	120	125
40 x 1 1/4"	023.552.04005K	23	27	26	21	10 BAR	103	140
40 x 1 1/2"	023.552.04006K	23	27	26	21	10 BAR	110	130
50 x 1"	023.552.05004P	28	33	31	19	16 BAR	184	90
50 x 1 1/4"	023.552.05005K	28	33	31	21	10 BAR	162	90
50 x 1 1/2"	023.552.05006K	28	33	31	21	10 BAR	164	90
63 x 1"	023.552.06304P	34	42	38	19	16 BAR	339	50
63 x 1 1/4"	023.552.06305P	34	42	38	21	16 BAR	348	45
63 x 1 1/2"	023.552.06306P	34	42	38	21	16 BAR	344	40
63 x 2"	023.552.06307P	34	42	38	26	16 BAR	357	40
75 x 1 1/4"	023.552.07505P	40	50	44	21	16 BAR	559	30
75 x 1 1/2"	023.552.07506P	40	50	44	21	16 BAR	560	30
75 x 2"	023.552.07507P	40	50	44	26	16 BAR	570	28

TEE – EXTERNAL THREAD ON STRAIGHT



d2 x d1	PART NO	Z1	Z2	B	C	RATED	Wt (g)	Box
32 x 1"	023.562.03204P	31	20	19	22	10 BAR	62	250
32 x 1 1/4"	023.562.03205P	26	17	21	22	10 BAR	74	175
40 x 1 1/4"	023.562.04005P	27	23	21	26	10 BAR	95	150

• 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

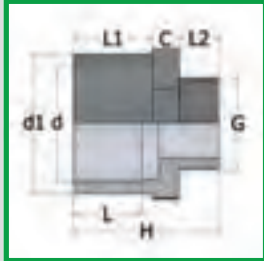
POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES

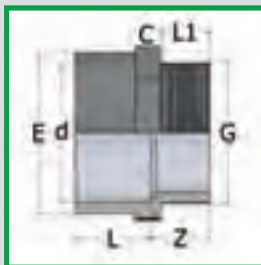
PVC METRIC PRESSURE FITTINGS PLAIN / THREADED (BSP)

ADAPTOR – FEMALE PLAIN / MALE PLAIN / MALE THREADED



d x d1 x G	PART NO	L	L1	L2	H	C	Wt (g)	Box
10 x 16 x 1/4"•	023.202.01000P	12	12	12	32		7	250
12 x 16 x 1/4"•	023.202.01200P	12	12	12	32		6	250
12 x 16 x 3/8"	023.202.01201K	12	14	11.4	36	22	9	900
16 x 20 x 3/8"	023.202.01601K	14	16	11.4	40	24	10	550
16 x 20 x 1/2"	023.202.01602K	14	16	15	43	24	11	500
20 x 25 x 3/8"	023.202.02001K	16	19	11.4	43	30	15	450
20 x 25 x 1/2"	023.202.02002K	16	19	15	46	27	15	350
20 x 25 x 3/4"	023.202.02003K	16	19	16.3	47	30	18	350
25 x 32 x 1/2"	023.202.02502K	19	22	15	49	36	25	500
25 x 32 x 3/4"	023.202.02503K	19	22	16.3	50	36	26	480
25 x 32 x 1"	023.202.02504K	19	22	19.1	53	36	30	400
32 x 40 x 1/2"•	023.202.03202P	22	22	16	46		37	300
32 x 40 x 3/4"	023.202.03203K	22	26	16.3	54	42	35	330
32 x 40 x 1"	023.202.03204K	22	26	19.1	57	42	40	300
32 x 40 x 1 1/4"	023.202.03205K	22	26	21.4	60	46	45	240
40 x 50 x 1/2"•	023.202.04002P	26	26	19	56		59	225
40 x 50 x 3/4"•	023.202.04003P	26	26	19	56		61	225
40 x 50 x 1"	023.202.04004K	26	31	19.1	64	55	74	160
40 x 50 x 1 1/4"	023.202.04005K	26	31	21.4	66.5	55	75	150
40 x 50 x 1 1/2"	023.202.04006K	26	31	21.4	66.5	55	77	140
50 x 63 x 1"•	023.202.05004P	31	31	21	64		102	150
50 x 63 x 1 1/4"	023.202.05005K	31	38	21.4	74	65	120	120
50 x 63 x 1 1/2"	023.202.05006K	31	38	21.4	74	65	113	120
50 x 63 x 2"	023.202.05007K	31	38	25.7	78	65	120	170
63 x 75 x 1 1/4"•	023.202.06305P	38	44	23	80		174	80
63 x 75 x 1 1/2"	023.202.06306K	38	44	21.4	80	75	160	90
63 x 75 x 2"	023.202.06307K	38	44	25.7	84	75	150	90
63 x 75 x 2 1/2"	023.202.06308K	38	44	30.2	91	80	180	90
75 x 90 x 2"	023.202.07507K	44	51	25.7	94	95	280	45
75 x 90 x 2 1/2"	023.202.07508K	44	51	30.2	99	95	270	45
75 x 90 x 3"	023.202.07509K	44	51	33.3	102	95	288	60
90 x 110 x 2 1/2"	023.202.09008K	51	61	30.2	110	115	475	45
90 x 110 x 3"	023.202.09009K	51	61	33.3	110	115	490	45
90 x 110 x 4"	023.202.09010K	51	61	39.3	118	115	485	35
110 x 125 x 3"	023.202.11009K	61	69	33.3	115	130	485	42
110 x 125 x 4"	023.202.11010K	61	69	39.3	120	130	490	30
110 x 125 x 5"	023.202.11011K	61	69	43.6	125	130	530	24

ADAPTOR – FEMALE PLAIN / MALE THREADED

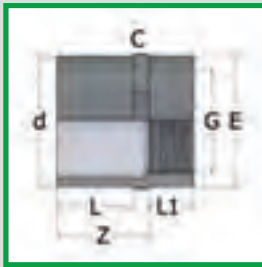


d x G	PART NO	L	L1	E	Z	Wt (g)	Box
160 x 6"	023.202.16012K	86	48	188	60	800	8

• NON COMER PRODUCT

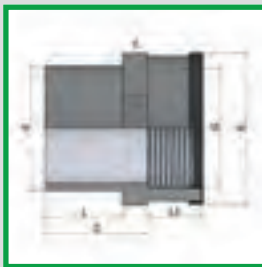


ADAPTOR – MALE PLAIN / FEMALE THREADED



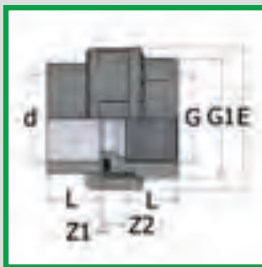
d x G	PART NO	L	L1	E	Z	C	Wt (g)	Box
16 x 1/4"	023.212.01600	14					13	100
16 x 3/8"	023.212.01601	14	11.4	23	22	24	10	600
16 x 1/2"	023.212.01602	14	15	28	23	30	16	400
20 x 1/2"	023.212.02002	16	15	28	24	30	20	350
20 x 3/4"	023.212.02003	16	16.3	34	24	36	25	250
25 x 1/2"	023.212.02502	19	15	28	27	30	20	300
25 x 3/4"	023.212.02503	19	16.3	34	27	36	25	500
25 x 1"	023.212.02504	19	19.1	42	27	46	40	300
32 x 3/4"	023.212.03203	22	16.3	34	30	36	32	450
32 x 1"	023.212.03204	22	19.1	42	30	46	43	300
40 x 1"	023.212.04004	26	19.1	42	36	46	50	250
40 x 1 1/4"	023.212.04005	26	21.4	51	36	55	65	180
50 x 1 1/4"	023.212.05005	31	21.4	51	41	55	70	140
50 x 1 1/2"	023.212.05006	31	21.4	58	41	60	80	130
50 x 2"	023.212.05007	31	25.7	75	41	75	128	100
63 x 1 1/2"	023.212.06306	38	21.4	60	49	65	124	90
63 x 2"	023.212.06307	38	25.7	75	48	75	135	70
75 x 2"	023.212.07507	44	25.7	75	53	75	160	55
75 x 2 1/2"	023.212.07508	44	30.2	89	58	90	225	80
75 x 3"	023.212.07509	44	33.3	103	58	105	295	35
90 x 2 1/2"	023.212.09008	51	30.2	89	65	95	290	60
90 x 3"	023.212.09009	51	33.3	103	66	105	310	55
90 x 4"	023.212.09010	51	39.3	130	65	130	450	35
110 x 3"	023.212.11009	61	33.3	103	76	130	440	35
110 x 4"	023.212.11010	61	39.3	130	76	130	480	35

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



d x G	PART NO	L	L1	E	Z	C	Wt (g)	Box
16 x 3/8"	023.372.01601	14					19	100
20 x 1/2"	023.372.02002	16	15	29	24	30	25	350
20 x 3/4"	023.372.02003	16	16.3	35	24	36	28	250
25 x 1/2"	023.372.02502	19	15	29	27	30	25	300
25 x 3/4"	023.372.02503	19	16.3	35	27	36	32	500
25 x 1"	023.372.02504	19	19.1	43	27	46	47	300
32 x 3/4"	023.372.03203	22	16.3	35	30	36	39	400
32 x 1"	023.372.03204	22	19.1	43	30	46	52	250
40 x 1"	023.372.04004	26	19.1	43	36	46	59	250
40 x 1 1/4"	023.372.04005	26	21.4	51.5	36	55	75	180
50 x 1 1/4"	023.372.05005	31	21.4	51.5	41	55	80	140
50 x 1 1/2"	023.372.05006	31	21.4	61	41	60	92	110
50 x 2"	023.372.05007	31	25.7	78	41	75	140	100
63 x 1 1/2"	023.372.06306	38	21.4	61	48	75	140	90
63 x 2"	023.372.06307	38	25.7	76	48	75	150	40
75 x 2"	023.372.07507K	44	25.7	76	53	75	172	55

UNION



d x G	PART NO	L	L1	Z1	Z2	G1	E	Wt (g)	Box
10 x 1/4"	023.022.01000P	12	12			5/8"		25	100
12 x 1/4"	023.022.01200P	12	12			5/8"		25	100
16 x 3/8"	023.022.01601K	14	11.4	3	12.6	3/4"	34	30	200
20 x 1/2"	023.022.02002K	16	15	3	11	1"	42	42	180
25 x 3/4"	023.022.02503K	19	16.3	3	12.7	1 1/4"	52	70	220
32 x 1"	023.022.03204K	22	19.1	3	12.9	1 1/2"	59	95	130
40 x 1 1/4"	023.022.04005K	26	21.4	3	16.6	2"	72	155	80
50 x 1 1/2"	023.022.05006K	31	21.4	3	23.6	2 1/4"	79	210	60
63 x 2"	023.022.06307K	38	25.7	3	30.3	2 3/4"	96	390	30
75 x 2 1/2"*	023.022.07508K	44	30.2	3	31.8	3 1/2"	119	625	35
90 x 3"*	023.022.09009K	51	33.3	5	35.7	4"	134	820	24
110 x 4"*	023.022.11010K	61	39.3	5	39.7	5"	163	1280	12

* PN10 RATED

UK Wide Next Day Delivery*

• NON COMER PRODUCT

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

PVC METRIC PRESSURE FITTINGS PLAIN / THREADED (BSP)

UNION – REINFORCED



* PN10 RATED

D1 x D2	PART NO	Z	B	C	D	S	Wt (g)	Box
16 x 3/8"•	023.2712.01601P	25	14	12	3/4"	25	38	100
20 x 1/2"•	023.2712.02002P	25	16	16	1"	30	56	100
25 x 3/4"•	023.2712.02503P	25	19	17	1 1/4"	36	83	60
32 x 1"•	023.2712.03204P	25	22	21	1 1/2"	44	121	100
40 x 1 1/4"•	023.2712.04005P	26	26	23	2"	54	192	80
50 x 1 1/2"•	023.2712.05006P	31	31	23	2 1/4"	64	261	60
63 x 2"•	023.2712.06307P	31	38	27	2 3/4"	80	414	45
75 x 2 1/2"•*	023.2712.07508K	41	44	30		94	775	10
90 x 3"•*	023.2712.09009K	51	51	34		114	1271	10
110 x 4"•*	023.2712.11010K	55	61	41		138	1736	10

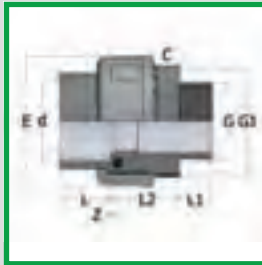
UNION – WITH 'O' RING



*PN 10 RATED

d1 x d2	PART NO	Z	B	C	D	S	Wt (g)	Box
16 x 3/8"•*	023.2722.01601K	36.5	14	10	3/4"	25	41	50
20 x 1/2"•*	023.2722.02002K	40	16	10	1"	28	59	50
25 x 3/4"•*	023.2722.02503K	42	19	12	1 1/4"	32	85	60
32 x 1"•*	023.2722.03204K	43	22	15	1 1/2"	38	123	100
40 x 1 1/4"•*	023.2722.04005K	48	26	15	2"	46	210	50
50 x 1 1/2"•*	023.2722.05006K	53.5	31	18	2 1/4"	55	272	50
50 x 2"•*	023.2722.05007K	53.5	31	23.5	2 1/4"	55	304	25
63 x 2"•*	023.2722.06307K	54.5	38	23.5	2 3/4"	65	418	25

UNION – MALE THREAD ONE END



* PN10 RATED

d x G	PART NO	L	L1	L2	Z1	C	G1	E	Wt (g)	Box
10 x 1/4"•	023.592.01000P	12	12						26	100
12 x 1/4"•	023.592.01200P	12	12						25	100
16 x 3/8"•	023.592.01601P	14	12						35	100
20 x 1/2"•	023.592.02002P	16	17						52	100
25 x 3/4"•	023.592.02503P	19	17						77	60
32 x 1"•	023.592.03204P	22	22						113	100
40 x 1 1/4"•	023.592.04005P	26	24						186	80
50 x 1 1/2"•	023.592.05006P	31	21.4	40	3	65	2 1/4"	79	300	50
50 x 2"•	023.592.05007P	31	25.7	40	3	65	2 1/4"	79	310	50
63 x 2"•	023.592.06307P	38	25.7	42	3	70	2 3/4"	96	430	30
75 x 2 1/2"•*	023.592.07508K	44	34						759	25
90 x 3"•*	023.592.09009K	51	37						1222	15
110 x 4"•*	023.592.11010K	60	43						1798	8

HOSE ADAPTOR – MALE BSP x mm HOSE TAIL



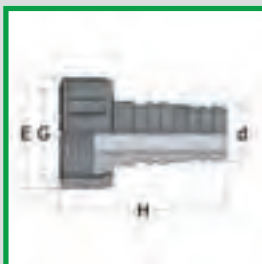
• NON COMER PRODUCT

G x d1	PART NO	L	H	C	Wt (g)	Box
1/4" x 12	023.262M.00012	11	52	19	8	700
3/8" x 16	023.262M.01016	11.4	64	19	15	500
1/2" x 20	023.262M.02020	15	70	24	20	700
3/4" x 25	023.262M.03025	16.3	76	30	30	430
1" x 32	023.262M.04032	19.1	80	36	50	250
1 1/4" x 40	023.262M.05040	21.4	92	46	70	300
1 1/2" x 50	023.262M.06050	21.4	99	55	118	200
2" x 60	023.262M.07060	25.7	118	65	190	115

FULL RANGE OF PP HOSE FITTINGS AVAILABLE SEE PAGE 175



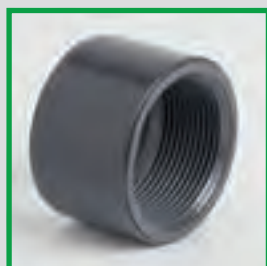
HOSE ADAPTOR – FEMALE BSP x mm HOSE TAIL



G x d	PART NO	H	E	Wt (g)	Box
3/4" x 16	023.872.03016	54	34	23	150
1" x 20	023.872.04020	59	42	32	120
1 1/4" x 25	023.872.05025	63	52	49	160
1 1/2" x 30	023.872.06030	68	59	68	120
2" x 40	023.872.07040	77	72	110	60
2 1/4" x 50	023.872.08050	80	79	145	45
2 3/4" x 60	023.872.08060	84	96	220	30

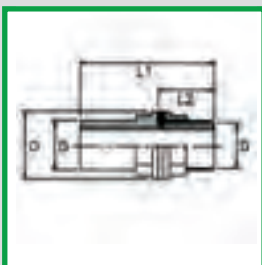
FULL RANGE OF PP HOSE FITTINGS AVAILABLE SEE PAGE 175

REDUCING BUSH



d x G	PART NO	L	L1	Z	Wt (g)	Box
16 x 1/4"•	023.092.01600P	20	14		4	250
20 x 1/4"•	023.092.02000P	22	14		8	250
20 x 3/8"•	023.092.02001P	14	16	6	5	250
25 x 3/8"•	023.092.02501P	27	14		13	250
25 x 1/2"	023.092.02502P	14	15	4	8	700
32 x 1/2"•	023.092.03202P	30	17		25	250
32 x 3/4"	023.092.03203P	16	16.3	5.7	12	450
40 x 1/2"•	023.092.04002P	37	17		42	200
40 x 3/4"•	023.092.04003P	37	19		42	100
40 x 1"	023.092.04004P	19	19.1	6.9	22	270
50 x 1/2"•	023.092.05002P	43	17		72	100
50 x 3/4"•	023.092.05003P	43	19		68	100
50 x 1"•	023.092.05004P	43	21		68	100
50 x 1 1/4"	023.092.05005P	22	21.4	9.6	45	350
63 x 1/2"•	023.092.06302P	51	17		127	100
63 x 3/4"•	023.092.06303P	51	19		126	100
63 x 1"•	023.092.06304P	51	21		113	100
63 x 1 1/4"•	023.092.06305P	51	23		114	100
63 x 1 1/2"	023.092.06306P	26	21.4	16.6	68	180
75 x 1 1/4"•	023.092.07505P	57	23		167	50
75 x 1 1/2"•	023.092.07506P	57	23		162	50
75 x 2"	021.092.0807	31	25.7	18.3	96	110
90 x 2"•	023.092.09007P	71	29		276	50
90 x 2 1/2"	023.092.09008P	38	30.2	20.8	152	65
110 x 2"•	023.092.11007P	83	29		520	25
110 x 2 1/2"•	023.092.11008P	83	31		483	25
110 x 3"	023.092.11009P	44	33.3	27.7	282	40

TANK CONNECTOR



D	PART NO	L1	L2	O	Wt (g)
16 x 3/8"•	023.242.01016	67	27	30	38
20 x 1/2"•	023.242.02020	77	42	38	41
25 x 3/4"•	023.242.03025	77	42	42	52
32 x 1"•	023.242.04032	103	55	55	108
40 x 1 1/4"•	023.242.05040	121	70	65	150
50 x 1 1/2"•	023.242.06050	128	73	72	216
63 x 2"•	023.242.07063	154	82	93	370
75 x 2 1/2"•	021.242.08	164	94	106	471
90 x 3"•	023.242.09090	202	110	125	768
110 x 4"•	023.242.10110	230	140	154	1421
160 x 6"•	023.242.12160	280	155	235	2658

• NON COMER PRODUCT

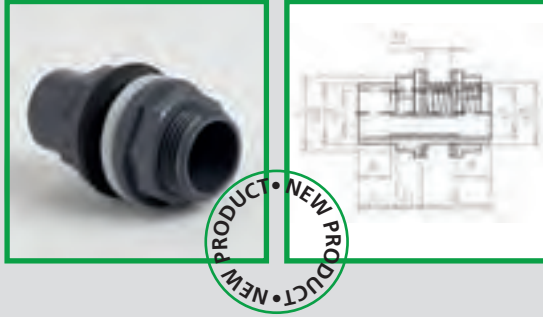
UK Wide Next Day Delivery*

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



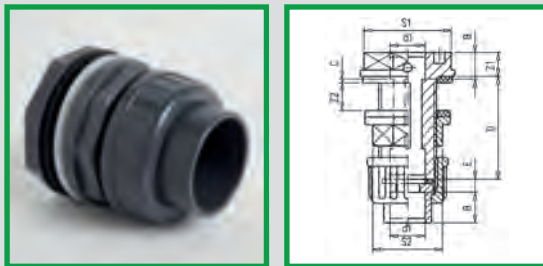
PVC METRIC PRESSURE FITTINGS PLAIN / THREADED (BSP)

TANK CONNECTOR – FEMALE x MALE x BSP MALE THREADED



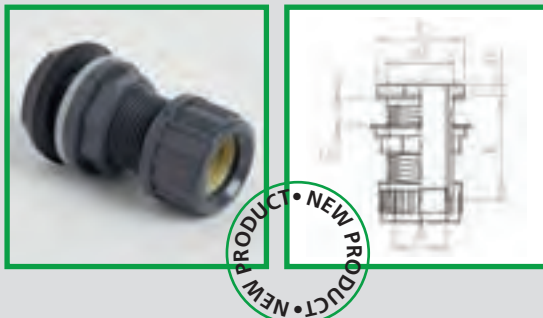
SIZE	PART NO	d1	d2	d3	Z1	Z2	B	C	D	S	Box
20 x 25 x 3/4"	023.2412.02003	20	25	3/4" (M)	13	0-23	16	19	42	32	50
25 x 32 x 1"	023.2412.02504	25	32	1" (M)	15	0-23	19	22	45	40	50
32 x 40 x 1 1/4"	023.2412.03205	32	40	1 1/4" (M)	17	0-26	22	26	49	50	50
40 x 50 x 1 3/4"	023.2412.04006	40	50	1 3/4" (M)	19	0-21	26	31	48	60	50
50 x 63 x 2"	023.2412.05007	50	63	2" (M)	21	0-21	31	38	52	69	45
63 x 75 x 2 1/2"	023.2412.06308	63	75	2 1/2" (M)	23	0-23	38	44	53	85	24

TANK CONNECTOR – WITH UNION



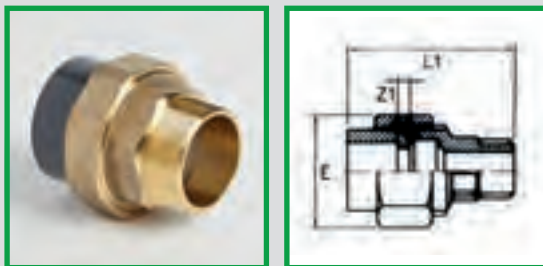
SIZE	PART NO	d1	d3	d4	d5	Z1	Z2	D	S1	S2	Box
16 x 3/4"	023.2732.01603	16	3/4"	5	29	11	0-19	47	40	32	50
20 x 1"	023.2732.02004	20	1"	5	36	12	0-17	49	50	40	50
25 x 1 1/4"	023.2732.02505	25	1 1/4"	5	42	13	0-18	52	50	50	75
32 x 1 1/2"	023.2732.03206	32	1 1/2"	5	49	13	0-19	54	64	56	50
40 x 2"	023.2732.04007	40	2"	5	59	13	0-16	59	78	69	40
50 x 2 1/4"	023.2732.05008	50	2 1/4"	5	70	15	0-16	61	85	76	40
63 x 2 3/4"	023.2732.06309	63	2 3/4"	5	84	15	0-19	69	100	95	25

TABLE DUCT – WITH / WITHOUT CLAMPING NUT



SIZE	PART NO	d1	d3	Z1	Z2	D	S	Box
20 x 3/4"	023.2422.02003	20	3/4" (M)	8	0-25	56	32	100
25 x 1"	023.2422.02504	25	1" (M)	10	0-25	60	40	100
32 x 1 1/4"	023.2422.03205	32	1 1/4" (M)	7	0-25	66	55	100
40 x 1 3/4"	023.2422.04005	40	1 3/4" (M)	7	0-25	78	74	80
50 x 2"	023.2422.05007	50	2" (M)	9	0-30	84	78	45
63 x 2 1/2"	023.2422.06308	63	2 1/2" (M)	9	0-30	90	100	30

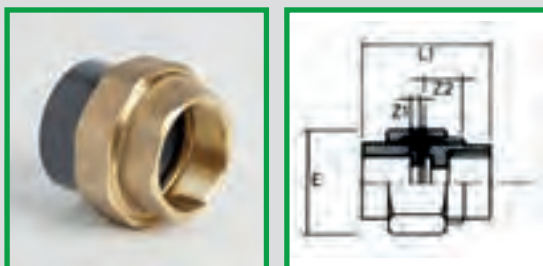
COMPOSITE UNION – MALE BRASS



SIZE	PART NO	E	L1	Z1	Wt (g)
20 x 1/2"	023.762.02002	44	56	3	175
25 x 3/4"	023.762.02503	46	64	3	210
32 x 1"	023.762.03204	55	68	9	318
40 x 1 1/4"	023.762.04005	65	84	10	435
50 x 1 1/2"	023.762.05006	72	86	12	516
63 x 2"	023.762.06307	88	95	14	768
90 x 3"	023.762.09009	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)
20 x 1/2"	023.752.02002	44	43	3	9	175
25 x 3/4"	023.752.02503	46	48	3	10	186
32 x 1"	023.752.03204	55	54	9	11	290
40 x 1 1/4"	023.752.04005	65	63	10	11	365
50 x 1 1/2"	023.752.05006	72	65	12	12	465
63 x 2"	023.752.06307	88	78	14	14	680
90 x 3"	023.752.09009	122	105	16	18	1610

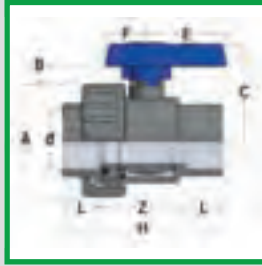
PLEASE NOTE: FOR CONNECTING PLASTIC PIPEWORK SYSTEMS TO METAL PIPEWORK SYSTEMS COMPOSITE UNIONS AND/OR FLANGES MUST BE USED

• NON COMER PRODUCT



PVC METRIC MANUAL VALVES

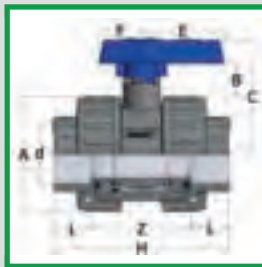
STANDARD BALL VALVE – SINGLE UNION – PTFE SEAT – EPDM SEALS – PLAIN ENDS



NEW VALVE HANDLE DESIGN GRADUALLY BEING INTRODUCED

d	PART NO	L	Z	H	A	B	C	E	F	PN	Wt (g)	Box
16	022.82S1.016Q	14	44	72	50	10	58	39	21	16	100	60
20	022.82S1.020Q	16	44	76	50	10	58	39	21	16	110	60
25	022.82S1.025Q	19	52	90	60	11	65	47	24	16	170	90
32	022.82S1.032Q	22	58	102	68	13	75	55	27	16	250	60
40	022.82S1.040Q	26	66	118	80	18	75	60	30	16	370	35
50	022.82S1.050Q	31	74	136	96	20	87	68	35	16	560	24
63	022.82S1.063Q	38	92	168	116	20	101	80	40	16	980	12
75	022.82S1.075Q	44	126	214	145	25	123	90	45	10	1825	5
90	022.82S1.090Q	51	147	249	166	28	138	100	50	10	2900	3
110	022.82S1.110Q	61	159	281	210	28	160	120	60	10	4790	2

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



NEW VALVE HANDLE DESIGN GRADUALLY BEING INTRODUCED

d	PART NO	L	Z	H	A	B	C	E	F	PN	Wt (g)	Box
16	022.66S1.016Q	14	53	81	50	10	58	39	21	16	140	60
20	022.66S1.020Q	16	49	81	50	10	58	39	21	16	130	60
25	022.66S1.025Q	19	56	94	60	11	65	47	24	16	200	36
32	022.66S1.032Q	22	63	107	68	13	75	55	27	16	295	50
40	022.66S1.040Q	26	72	124	80	18	75	60	30	16	440	30
50	022.66S1.050Q	31	84	146	96	20	87	68	35	16	720	20
63	022.66S1.063Q	38	94	170	116	20	101	80	40	16	1190	12
75	022.66S1.075Q	44	130	218	145	25	123	90	45	10	2210	5
90	022.66S1.090Q	51	148	250	166	28	138	100	50	10	3520	3
110	022.66S1.110Q	61	168	290	210	28	160	120	60	10	5790	2

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
16	022.6611.016Q	14	74	102	50	10	54	39	19	16	180	50
20	022.6611.020Q	16	70	102	50	10	54	39	19	16	170	50
25	022.6611.025Q	19	82	120	60	11	64	47	22	16	265	32
32	022.6611.032Q	22	86	130	68	13	74	55	25	16	370	22
40	022.6611.040Q	26	97	149	80	18	87	60	30	16	545	27
50	022.6611.050Q	31	103	165	96	20	100	68	35	16	885	18
63	022.6611.063Q	38	123	199	116	20	118	80	40	16	1440	10
75	022.6611.075Q	44	130	218	145	25	150	90	45	10	2300	2
90	022.6611.090Q	51	148	250	166	28	175	100	50	10	3655	2
110	022.6611.110Q	61	168	290	210	28	200	120	60	10	6000	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
16	022.6611.016R	14	74	102	50	10	54	39	19	16	180	50
20	022.6611.020R	16	70	102	50	10	54	39	19	16	170	50
25	022.6611.025R	19	82	120	60	11	64	47	22	16	265	32
32	022.6611.032R	22	86	130	68	13	74	55	25	16	370	22
40	022.6611.040R	26	97	149	80	18	87	60	30	16	545	27
50	022.6611.050R	31	103	165	96	20	100	68	35	16	885	18
63	022.6611.063R	38	123	199	116	20	118	80	40	16	1440	10
75	022.6611.075R	44	130	218	145	25	150	90	45	10	2300	2
90	022.6611.090R	51	148	250	166	28	175	100	50	10	3655	2
110	022.6611.110R	61	168	290	210	28	200	120	60	10	6000	2

UK Wide Next Day Delivery*

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



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



PLEASE SEE PAGE 81 FOR PRICES FOR VALVES WITH THREADED 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
16	022.671.016Q	14	53	81	50	16	120	50
20	022.671.020Q	16	49	81	50	16	110	50
25	022.671.025Q	19	56	94	60	16	168	32
32	022.671.032Q	22	63	107	68	16	246	22
40	022.671.040Q	26	72	124	80	16	360	27
50	022.671.050Q	31	84	146	96	16	595	18
63	022.671.063Q	38	94	170	116	16	970	10
75	022.671.075Q	44	130	218	145	10	1740	5
90	022.671.090Q	51	148	250	166	10	2810	3
110	022.671.110Q	61	168	290	210	10	4690	2

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



PLEASE SEE PAGE 81 FOR PRICES FOR VALVES WITH THREADED 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
16	022.671.016R	14	53	81	50	16	120	50
20	022.671.020R	16	49	81	50	16	110	50
25	022.671.025R	19	56	94	60	16	168	32
32	022.671.032R	22	63	107	68	16	246	22
40	022.671.040R	26	72	124	80	16	360	27
50	022.671.050R	31	84	146	96	16	595	18
63	022.671.063R	38	94	170	116	16	970	10
75	022.671.075R	44	130	218	145	10	1740	5
90	022.671.090R	51	148	250	166	10	2810	3
110	022.671.110R	61	168	290	210	10	4690	2

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



PLEASE SEE PAGE 82 FOR PRICES FOR VALVES WITH THREADED ENDS

d	PART NO	L	Z	H	A	PN	Wt (g)	Box
16	022.67A1.016Q	14	53	81	50	16	85	50
20	022.67A1.020Q	16	49	81	50	16	85	50
25	022.67A1.025Q	19	56	94	60	16	140	32
32	022.67A1.032Q	22	63	107	68	16	240	22
40	022.67A1.040Q	26	72	124	80	16	395	27
50	022.67A1.050Q	31	84	146	96	16	670	18
63	022.67A1.063Q	38	94	170	116	16	1130	10
75	022.67A1.075Q	44	130	218	145	10	1740	2
90	022.67A1.090Q	51	148	250	166	10	2810	2
110	022.67A1.110Q	61	168	290	210	10	4690	2

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



PLEASE SEE PAGE 82 FOR PRICES FOR VALVES WITH THREADED ENDS

d	PART NO	L	Z	H	A	PN	Wt (g)	Box
16	022.67A1.016R	14	53	81	50	16	85	50
20	022.67A1.020R	16	49	81	50	16	85	50
25	022.67A1.025R	19	56	94	60	16	140	32
32	022.67A1.032R	22	63	107	68	16	240	22
40	022.67A1.040R	26	72	124	80	16	395	27
50	022.67A1.050R	31	84	146	96	16	670	18
63	022.67A1.063R	38	94	170	116	16	1130	10
75	022.67A1.075R	44	130	218	145	10	1740	2
90	022.67A1.090R	51	148	250	166	10	2810	2
110	022.67A1.110R	61	168	290	210	10	4690	2



PVC METRIC MANUAL VALVES

STANDARD FOOTVALVE – DOUBLE UNION – EPDM SEALS – PLAIN ENDS



d	PART NO	L	Z	H	A	PN	Wt (g)	Box
16	022.67F1.016Q	14	53	81	50	16	85	50
20	022.67F1.020Q	16	49	81	50	16	85	50
25	022.67F1.025Q	19	56	94	60	16	140	32
32	022.67F1.032Q	22	63	107	68	16	240	22
40	022.67F1.040Q	26	72	124	80	16	395	27
50	022.67F1.050Q	31	84	146	96	16	670	18
63	022.67F1.063Q	38	94	170	116	16	1130	10
75	022.67F1.075Q	44	130	218	145	10	1740	2
90	022.67F1.090Q	51	148	250	166	10	2810	2
110	022.67F1.110Q	61	168	290	210	10	4690	2

PLEASE SEE PAGE 83 FOR PRICES FOR VALVES WITH THREADED ENDS

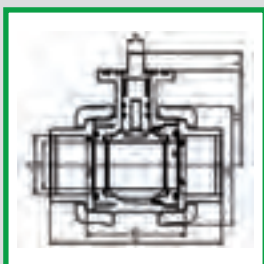
STANDARD FOOTVALVE – DOUBLE UNION – FPM SEALS – PLAIN ENDS



d	PART NO	L	Z	H	A	PN	Wt (g)	Box
16	022.67F1.016R	14	53	81	50	16	85	50
20	022.67F1.020R	16	49	81	50	16	85	50
25	022.67F1.025R	19	56	94	60	16	140	32
32	022.67F1.032R	22	63	107	68	16	240	22
40	022.67F1.040R	26	72	124	80	16	395	27
50	022.67F1.050R	31	84	146	96	16	670	18
63	022.67F1.063R	38	94	170	116	16	1130	10
75	022.67F1.075R	44	130	218	145	10	1740	2
90	022.67F1.090R	51	148	250	166	10	2810	2
110	022.67F1.110R	61	168	290	210	10	4690	2

PLEASE SEE PAGE 83 FOR PRICES FOR VALVES WITH THREADED ENDS

EXCEL BALL VALVE ISO TOP

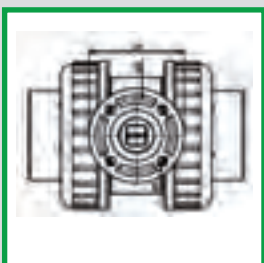


DOUBLE UNION – TEFLON FILLED PE SEAT – EPDM SEALS – PLAIN ENDS

d	PART NO	d1	d2	d3	d4	d5	d6	Z1	Z2	C	E	S
32•	022.6611.032Q-ISO	32	73	25	42	5.5	54	63	60.5	108	11	11
50•	022.6611.050Q-ISO	50	102	40	50	6.5	65	85.5	81.5	148	15	14
63•	022.6611.063Q-ISO	63	124	50	50	6.5	65	101	93.5	178	15	14

DOUBLE UNION – TEFLON FILLED PE SEAT – FPM SEALS – PLAIN ENDS

d	PART NO	d1	d2	d3	d4	d5	d6	Z1	Z2	C	E	S
32•	022.6611.032R-ISO	32	73	25	42	5.5	54	63	60.5	108	11	11
50•	022.6611.050R-ISO	50	102	40	50	6.5	65	85.5	81.5	148	15	14
63•	022.6611.063R-ISO	63	124	50	50	6.5	65	101	93.5	178	15	14

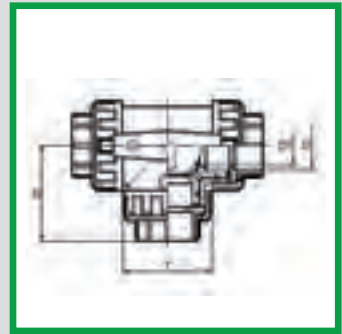
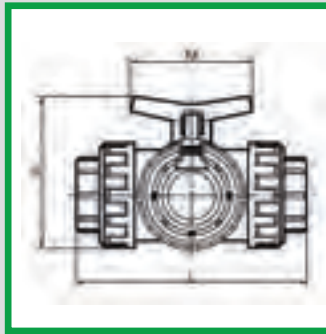


• NON COMER PRODUCT

UK Wide Next Day Delivery*

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





3 WAY L PORT BALL VALVE
– PLAIN UNION ENDS – PTFE SEAT – EPDM SEALS

SIZE	PART NO	D1	D	L	A	M	T	N	Wt (g)
20•	022.66L1.020Q	15	20	112	80	85	45	57	222
25•	022.66L1.025Q	20	25	123	87	85	55	62	303
32•	022.66L1.032Q	25	32	147	104	100	66	74	492
40•	022.66L1.040Q	32	40	169	115	100	79	82	760
50•	022.66L1.050Q	40	50	207	145	128	102	94	1,456
63•	022.66L1.063Q	50	63	230	160	128	111	117	1,843

3 WAY T PORT BALL VALVE
– PLAIN UNION ENDS – PTFE SEAT – EPDM SEALS

SIZE	PART NO	D1	D	L	A	M	T	N	Wt (g)
20•	022.66T1.020Q	15	20	112	80	85	45	57	222
25•	022.66T1.025Q	20	25	123	87	85	55	62	303
32•	022.66T1.032Q	25	32	147	104	100	66	74	492
40•	022.66T1.040Q	32	40	169	115	100	79	82	760
50•	022.66T1.050Q	40	50	207	145	128	102	94	1,456
63•	022.66T1.063Q	50	63	230	160	128	111	117	1,843

3 WAY L PORT BALL VALVE – PLAIN UNION ENDS – PTFE SEAT – FPM SEALS

SIZE	PART NO	D1	D	L	A	M	T	N	Wt (g)
20•	022.66L1.020R	15	20	112	80	85	45	57	222
25•	022.66L1.025R	20	25	123	87	85	55	62	303
32•	022.66L1.032R	25	32	147	104	100	66	74	492
40•	022.66L1.040R	32	40	169	115	100	79	82	760
50•	022.66L1.050R	40	50	207	145	128	102	94	1,456
63•	022.66L1.063R	50	63	230	160	128	111	117	1,843

3 WAY T PORT BALL VALVE – PLAIN UNION ENDS – PTFE SEAT – FPM SEALS

SIZE	PART NO	D1	D	L	A	M	T	N	Wt (g)
20•	022.66T1.020R	15	20	112	80	85	45	57	222
25•	022.66T1.025R	20	25	123	87	85	55	62	303
32•	022.66T1.032R	25	32	147	104	100	66	74	492
40•	022.66T1.040R	32	40	169	115	100	79	82	760
50•	022.66T1.050R	40	50	207	145	128	102	94	1,456
63•	022.66T1.063R	50	63	230	160	128	111	117	1,843

ALSO AVAILABLE WITH BSP THREADED ENDS

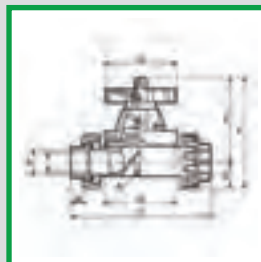


DIAPHRAGM VALVE HANDWHEEL OPERATED – DOUBLE UNION EPDM SEALS

SIZE	PART NO	A	B	C	D	E	F	G	H	I	K	Wt (g)
16•	022.681.016Q-A	16	17	156	24	93	117	73	82	10	M-6	428
20•	022.681.020Q-A	20	17	156	24	93	117	73	82	15	M-6	426
25•	022.681.025Q-A	25	19	168	27	98	125	83	82	20	M-6	535
32•	022.681.032Q-A	35	22	184	33	107	140	93	94	25	M-6	760
40•	022.681.040Q-A	40	27	205	39	113	152	102	94	32	M-8	1,015
50•	022.681.050Q-A	50	35	228	50	121	171	115	117	40	M-8	1,594
63•	022.681.063Q-A	63	32	245	47	123	170	122	117	50	M-8	1,929

DIAPHRAGM VALVE HANDWHEEL OPERATED – DOUBLE UNION FPM SEALS

SIZE	PART NO	A	B	C	D	E	F	G	H	I	K	Wt (g)
16•	022.681.016R-A	16	17	156	24	93	117	73	82	10	M-6	428
20•	022.681.020R-A	20	17	156	24	93	117	73	82	15	M-6	426
25•	022.681.025R-A	25	19	168	27	98	125	83	82	20	M-6	535
32•	022.681.032R-A	35	22	184	33	107	140	93	94	25	M-6	760
40•	022.681.040R-A	40	27	205	39	113	152	102	94	32	M-8	1,015
50•	022.681.050R-A	50	35	228	50	121	171	115	117	40	M-8	1,594
63•	022.681.063R-A	63	32	245	47	123	170	122	117	50	M-8	1,929



• NON COMER PRODUCT



STANDARD WAFER TYPE CHECK VALVE – WITHOUT SPRING – EPDM SEAL



STANDARD WAFER CHECK VALVES ARE DESIGNED FOR INSTALLATION BETWEEN THE FOLLOWING FLANGES:
63mm – 160mm NP10/16 225mm – 315mm NP10

SIZE	PART NO	A	B	C	Wt (g)
40•	023.845.040Q	85	15	18	184
50•	023.845.050Q	95	16	22	218
63•	023.845.063Q	109	20	32	310
75•	023.845.075Q	129	20	40	406
90•	023.845.090Q	144	20	52	468
110•	023.845.110Q	164	22	70	660
125•	023.845.125Q	170	25	83	750
140•	023.845.140Q	195	23	92	850
160•	023.845.160Q	220	25	112	1252
200•	023.845.200Q	247	28	139	2000
225•	023.845.225Q	275	35	150	2230
250/280•	023.845.280Q	330	40	189	3380
315•	023.845.315Q	380	45	226	4865

STANDARD WAFER TYPE CHECK VALVE – WITHOUT SPRING – FPM SEAL



STANDARD WAFER CHECK VALVES ARE DESIGNED FOR INSTALLATION BETWEEN THE FOLLOWING FLANGES:
63mm – 160mm NP10/16 225mm – 315mm NP10

SIZE	PART NO	A	B	C	Wt (g)
40•	023.845.040R	85	15	18	184
50•	023.845.050R	95	16	22	218
63•	023.845.063R	109	20	32	310
75•	023.845.075R	130	20	40	406
90•	023.845.090R	144	20	53	468
110•	023.845.110R	164	22	70	660
140•	023.845.140R	192	22	93	850
160•	023.845.160R	220	26	113	1252
200•	023.845.200R	247	28	139	2000
225•	023.845.225R	276	35	152	2230
250/280•	023.845.280R	330	40	189	3380
315•	023.855.315R	380	45	226	4865

STANDARD WAFER TYPE CHECK VALVE – WITH SPRING – EPDM SEAL



STANDARD WAFER CHECK VALVES ARE DESIGNED FOR INSTALLATION BETWEEN THE FOLLOWING FLANGES:
63mm – 160mm NP10/16 225mm – 315mm NP10

SIZE	PART NO	A	B	C	Wt (g)
40•	023.855.040Q	85	15	18	184
50•	023.855.050Q	95	16	22	218
63•	023.855.063Q	109	20	32	310
75•	023.855.075Q	130	20	40	406
90•	023.855.090Q	144	20	53	468
110•	023.855.110Q	164	22	70	660
140•	023.855.140Q	192	22	93	850
160•	023.855.160Q	220	26	113	1252
200•	023.855.200Q	247	28	139	2000
225•	023.855.225Q	276	35	152	2230
250/280•	023.855.280Q	330	40	189	3380
315•	023.855.315Q	380	45	226	4865

STANDARD WAFER TYPE CHECK VALVE – WITH SPRING – FPM SEAL



STANDARD WAFER CHECK VALVES ARE DESIGNED FOR INSTALLATION BETWEEN THE FOLLOWING FLANGES:
63mm – 160mm NP10/16 225mm – 315mm NP10

SIZE	PART NO	A	B	C	Wt (g)
40•	023.855.040R	85	15	18	184
50•	023.855.050R	95	16	22	218
63•	023.855.063R	109	20	32	310
75•	023.855.075R	130	20	40	406
90•	023.855.090R	144	20	53	468
110•	023.855.110R	164	22	70	660
140•	023.855.140R	192	22	93	850
160•	023.855.160R	220	26	113	1252
200•	023.855.200R	247	28	139	2000
225•	023.855.225R	276	35	152	2230
250/280•	023.855.280R	330	40	189	3380
315•	023.855.315R	380	45	226	4865

• 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*



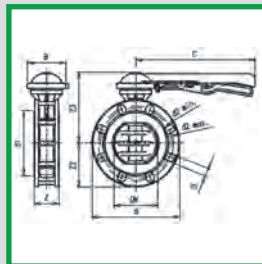


BUTTERFLY VALVES
DESIGNED FOR
INSTALLATION
BETWEEN THE
FOLLOWING FLANGES:
63mm – 160mm NP10/16
200 - 225mm – NP10

BUTTERFLY VALVE – PVC BODY & POLYPROPYLENE DISC C/W EPDM LINER & SEALS – BZP STEM

SIZE	PART NO	A	B	C	D	E	F	L	Wt (g)	Box
63 – 75	023.73EL.075Q-C	250	40	54	191	152.5	19 x 26.5	239	1555	2
90	023.73EL.090Q-C	240	38	50	185	135	19.5 x 29.5	219	1380	2
110	023.73EL.110Q-C	284	43	57.3	227	185	19 x 24.5	239	2220	2
140	023.73EL.140Q-C	349	48	67.5	284	239	22 x 25	274	3870	1
160	023.73EL.160Q-C	325	48	67.5	255	210	21.9 x 27	274	3400	1
200 - 225	023.73EL.225Q-C	412	56	77	347	289	23 x 32	274	6440	1

PRICES AVAILABLE ON APPLICATION FOR STAINLESS STEEL STEM VERSION



BUTTERFLY VALVES
DESIGNED FOR
INSTALLATION
BETWEEN THE
FOLLOWING FLANGES:
63mm – 160mm NP10/16
225mm – NP10

BUTTERFLY VALVE – PVC BODY & PVC DISC – EPDM LINER & SEALS – STAINLESS STEEL STEM

SIZE	PART NO	d	d1	d2	Z	Z1	Z2	Z3	B	C	NxD	Wt (g)
75•	023.73EL.075Q-V	185	106	128/144	53	134	92.5	174	108	270	4x19	2030
90•	023.73EL.090Q-V	200	125	145/160	56	141.5	100	181	108	270	8x19	2320
110•	023.73EL.110Q-V	220	150	165/190	63	151.5	110	192	108	270	8x19	2740
140•	023.73EL.140Q-V	250	188	204/215	71	162.5	125	203	108	340	8x23	3960
160•*	023.73EL.160Q-V	285	214	230/242	78	180	142.5	221	108	340	8x23	4860
225•*	023.73EL.225Q-V	340	266	280/298	81	233	170	289	150	420	8x23	8830

* WE ARE ABLE TO OFFER BUTTERFLY VALVES WITH FPM SEALS AND/OR HANDWHEEL OPERATED WITH REDUCTION GEAR IN LARGER SIZES

EXTENSION STEM ALSO AVAILABLE

• NON COMER PRODUCT

sales@epco-plastics.com

Call us on 0113 2491155

Speak to one of our dedicated and highly trained sales team, you can also fax 0113-2491166



ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES

MOUNTING KIT FOR BUTTERFLY VALVE – COMPRISING STUB FLANGES – BACKING RINGS AND BOLT SETS



PLEASE CONFIRM EITHER PVC OR GALVANISED BACKING RINGS WHEN ORDERING

SIZE	PART NO
63•	023.92E.063-KIT-V
75•	023.92E.075-KIT-V
90•	023.92E.090-KIT-V
110•	023.92E.110-KIT-V
125•	023.92E.125-KIT-V
140•	023.92E.140-KIT-V
160•	023.92E.160-KIT-V
200•	023.92E.200-KIT-V
225•	023.92E.225-KIT-V

DUCTILE IRON BUTTERFLY VALVE – EPDM LINER



SIZE	PART NO
50•	9911-06
63•	9911-07
75•	9911-08
90•	9911-09
110•	9911-10
140•	9911-11
160•	9911-12
200-225•	9911-13

SIZE	PART NO
250-280•	9911-14
315•	9911-15
355•	9911-16
400•	9911-17
450•	9911-18
500•	9911-19
600•	9911-20

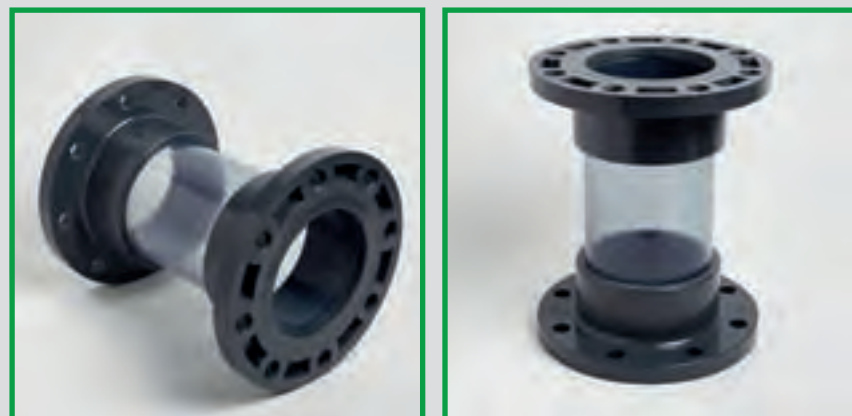
EPOXY COATED DUCTILE IRON BODY ST.ST. 316 DISC

STANDARD SPRING TYPE FOOT VALVE STRAINER – DOUBLE UNION – EPDM SEAL – PLAIN ENDS



SIZE	PART NO	L	H	E	Wt (g)
20•	022.861.020Q	16	107	52	150
25•	022.861.025Q	19	130	62	200
32•	022.861.032Q	22	154	70	330
40•	022.861.040Q	26	176	84	530
50•	022.861.050Q	31	202	94	680
63•	022.861.063Q	38	239	117	1230
75•	022.861.075Q	44	306	148	2550
90•	022.861.090Q	51	362	179	4550
110•	022.861.110Q	61	367	179	4600

SPRING MATERIAL = STAINLESS STEEL



SIGHT GLASS

SIZE	PART NO
75•	023.891.075
90•	023.891.090
110•	023.891.110
125•*	022.891.125
140•	023.891.140
160•	023.891.160

ALL FLANGED NP10/16 EXCEPT * WHICH IS FLANGED 4" ASA 150

SMALLER SIZES FROM 16MM TO 63MM ALSO AVAILABLE WITH UNION ENDS – PRICES ON REQUEST

LABORATORY BALL VALVE



SIZE	PART NO
12•	022.981.012
16•	022.981.016

UK Wide Next Day Delivery*

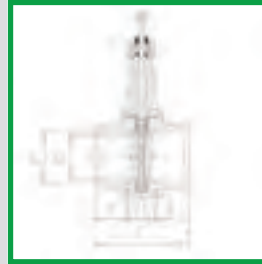
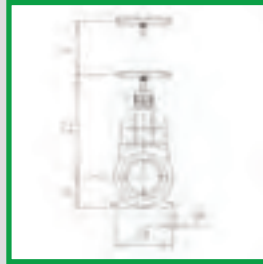
• NON COMER PRODUCT

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



PVC METRIC MANUAL VALVES & PVC BALL VALVE SPARES

SLIDE VALVE



SIZE	PART NO	d2	d4	Z1	Z2	Z4	B	C	E	H	Wt (g)
50•	022.941.050Q	42	7	29	139	76	31	91	52	40	391
63•	022.941.063Q	54	9	38	164	98	38	114	65	51.5	719
75•	022.941.075Q	64	9	39	187	112	44	217	73	57.5	1100
90•	022.941.090Q	76	9	45	218	134	51	147	91	71	1790
110•	022.941.110Q	95	9	54	250	158	61	176	108	81	2918

PVC METRIC BALL VALVES SPARES

EPDM SEAL KIT



FOR INDUSTRIAL BALL VALVES ONLY

SIZE	PART NO
16	BIG/E016
20	BIG/E020
25	BIG/E025
32	BIG/E032
40	BIG/E040
50	BIG/E050
63	BIG/E063
75	BIG/E075
90	BIG/E090
110	BIG/E110

FPM SEAL KIT



FOR INDUSTRIAL BALL VALVES ONLY

SIZE	PART NO
16	BIG/F016
20	BIG/F020
25	BIG/F025
32	BIG/F032
40	BIG/F040
50	BIG/F050
63	BIG/F063
75	BIG/F075
90	BIG/F090
110	BIG/F110

BLUE VALVE HANDLE



NEW VALVE HANDLE DESIGN GRADUALLY BEING INTRODUCED

SIZE	PART NO
16/20	BDH.020-BLUE
25	BDH.025-BLUE
32	BDH.032-BLUE
40	BDH.040-BLUE
50	BDH.050-BLUE
63	BDH.063-BLUE
75	BDH.075-BLUE
90	BDH.090-BLUE
110	BDH.110-BLUE

ORANGE VALVE HANDLE



SPARE IMPERIAL VALVE PLAIN ENDS AND THREADED NUTS AVAILABLE SEE PAGE 168

• THE ABOVE SPARES ARE FOR COMER VALVES ONLY

SIZE	PART NO
16/20	BDH.020
25	BDH.025
32	BDH.032
40	BDH.040
50	BDH.050
63	BDH.063
75	BDH.075
90	BDH.090
110	BDH.110

PE VALVE END PLAIN – SDR11



SIZE	PART NO
20	VEMPPE020
25	VEMPPE025
32	VEMPPE032
40	VEMPPE040
50	VEMPPE050
63	VEMPPE063

• NON COMER PRODUCT



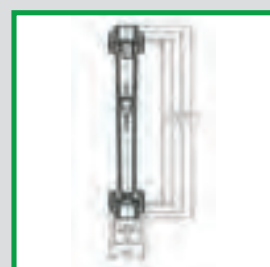
PVC METRIC VARIABLE AREA FLOWMETERS

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



SIZE	PART NO	SCALE	G	D	L1	L2	L3	L4	Wt (g)
25•	022.1161.03A	20–250 L/HR	1 1/4"	53	350	356	375	394	450
25•	022.1161.03B	40–400 L/HR	1 1/4"	53	350	356	375	394	450
25•	022.1161.03C	60–640 L/HR	1 1/4"	53	350	356	375	394	450
25•	022.1161.03D	75–1000 L/HR	1 1/4"	53	350	356	375	394	440
32•	022.1161.04A	40–400 L/HR	1 1/2"	60	350	356	376	400	620
32•	022.1161.04B	60–640 L/HR	1 1/2"	60	350	356	376	400	610
32•	022.1161.04C	100–1000 L/HR	1 1/2"	60	350	356	376	400	600
32•	022.1161.04D	150–1600 L/HR	1 1/2"	60	350	356	376	400	590
40•	022.1161.05A	150–1600 L/HR	2"	74	350	356	380	408	1110
40•	022.1161.05B	200–2500 L/HR	2"	74	350	356	380	408	1090
40•	022.1161.05C	400–4000 L/HR	2"	74	350	356	380	408	1070
50•	022.1161.06A	200–2500 L/HR	2 1/4"	83	350	356	382	418	1420
50•	022.1161.06B	400–4000 L/HR	2 1/4"	83	350	356	382	418	1390
50•	022.1161.06C	500–5000 L/HR	2 1/4"	83	350	356	382	418	1380
63•	022.1161.07A	0.4–4.0 M/HR	2 3/4"	103	350	356	386	433	2000
63•	022.1161.07B	0.6–6.4 M/HR	2 3/4"	103	350	356	386	433	1970
63•	022.1161.07C	1.0–10.0 M/HR	2 3/4"	103	350	356	386	433	1920
75•	022.1161.08A	1.5–14.0 M/HR	3 1/2"	122	350	356	388	445	3310
75•	022.1161.08B	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

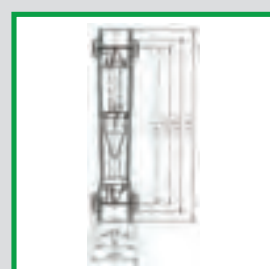


VARIABLE AREA FLOWMETER – SHORT PATTERN – TROGAMID TUBE – STAINLESS STEEL FLOAT – EPDM SEALS



SIZE	PART NO	SCALE	G	D	L1	L2	L3	L4	Wt (g)
16•	022.1171.01A	4–40 L/HR	3/4"	35	165	171	186	199	80
16•	022.1171.01B	5–60 L/HR	3/4"	35	165	171	186	199	80
16•	022.1171.01C	10–100 L/HR	3/4"	35	165	171	186	199	80
16•	022.1171.01D	15–160 L/HR	3/4"	35	165	171	186	199	80
16•	022.1171.01E	20–250 L/HR	3/4"	35	165	171	186	199	80
20•	022.1171.02A	10–100 L/HR	1"	43	170	176	192	208	130
20•	022.1171.02B	15–160 L/HR	1"	43	170	176	192	208	130
20•	022.1171.02C	20–250 L/HR	1"	43	170	176	192	208	130
20•	022.1171.02D	40–400 L/HR	1"	43	170	176	192	208	130
20•	022.1171.02E	50–500 L/HR	1"	43	170	176	192	208	130
25•	022.1171.03A	20–250 L/HR	1 1/4"	53	185	191	210	229	240
25•	022.1171.03B	40–400 L/HR	1 1/4"	53	185	191	210	229	240
25•	022.1171.03C	60–600 L/HR	1 1/4"	53	185	191	210	229	240
25•	022.1171.03D	100–1000 L/HR	1 1/4"	53	185	191	210	229	240
32•	022.1171.04A	40–400 L/HR	1 1/2"	59	200	206	226	250	340
32•	022.1171.04B	60–650 L/HR	1 1/2"	59	200	206	226	250	340
32•	022.1171.04C	100–1000 L/HR	1 1/2"	59	200	206	226	250	340
32•	022.1171.04D	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

UK Wide Next Day Delivery*

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





ELECTRICALLY ACTUATED BALL VALVE

EPDM SEALS – PLAIN ENDS – 110–240V AC

d	PART NO
16	022.6611.EAJ.016Q
20	022.6611.EAJ.020Q
25	022.6611.EAJ.025Q
32	022.6611.EAJ.032Q
40	022.6611.EAJ.040Q
50	022.6611.EAJ.050Q
63	022.6611.EAJ.063Q
75	022.6611.EAJ.075Q
90	022.6611.EAJ.090Q
110	022.6611.EAJ.110Q

EPDM SEALS – PLAIN ENDS – 24V AC/DC

d	PART NO
16	022.6611.EAC.016Q
20	022.6611.EAC.020Q
25	022.6611.EAC.025Q
32	022.6611.EAC.032Q
40	022.6611.EAC.040Q
50	022.6611.EAC.050Q
63	022.6611.EAC.063Q
75	022.6611.EAC.075Q
90	022.6611.EAC.090Q
110	022.6611.EAC.110Q

FPM SEALS – PLAIN ENDS – 110–240V AC

d	PART NO
16	022.6611.EAJ.016R
20	022.6611.EAJ.020R
25	022.6611.EAJ.025R
32	022.6611.EAJ.032R
40	022.6611.EAJ.040R
50	022.6611.EAJ.050R
63	022.6611.EAJ.063R
75	022.6611.EAJ.075R
90	022.6611.EAJ.090R
110	022.6611.EAJ.110R

FPM SEALS – PLAIN ENDS – 24V AC/DC

d	PART NO
16	022.6611.EAC.016R
20	022.6611.EAC.020R
25	022.6611.EAC.025R
32	022.6611.EAC.032R
40	022.6611.EAC.040R
50	022.6611.EAC.050R
63	022.6611.EAC.063R
75	022.6611.EAC.075R
90	022.6611.EAC.090R
110	022.6611.EAC.110R

PLEASE SEE PAGE 92 FOR PRICES FOR VALVES WITH THREADED ENDS

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

sales@epco-plastics.com

Call us on 0113 2491155

Speak to one of our dedicated and highly trained sales team, you can also fax 0113-2491166



ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES

ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES



ELECTRICALLY ACTUATED ISO TOP BALL VALVE

EPDM SEALS – PLAIN ENDS – 110–240V AC

d	PART NO
32•	022.6611.EAJ.032Q-V
50•	022.6611.EAJ.050Q-V
63•	022.6611.EAJ.063Q-V

EPDM SEALS – PLAIN ENDS – 24V AC/DC

d	PART NO
32•	022.6611.EAC.032Q-V
50•	022.6611.EAC.050Q-V
63•	022.6611.EAC.063Q-V

FPM SEALS – PLAIN ENDS – 110–240V AC

d	PART NO
32•	022.6611.EAJ.032R-V
50•	022.6611.EAJ.050R-V
63•	022.6611.EAJ.063R-V

FPM SEALS – PLAIN ENDS – 24V AC/DC

d	PART NO
32•	022.6611.EAC.032R-V
50•	022.6611.EAC.050R-V
63•	022.6611.EAC.063R-V

• 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*





PNEUMATICALLY ACTUATED BALL VALVE – SPRING RETURN ACTUATOR

EPDM SEALS – PLAIN ENDS – FAIL SAFE CLOSE

d	PART NO
16	022.6611.PANC.016Q
20	022.6611.PANC.020Q
25	022.6611.PANC.025Q
32	022.6611.PANC.032Q
40	022.6611.PANC.040Q
50	022.6611.PANC.050Q
63	022.6611.PANC.063Q
75	022.6611.PANC.075Q
90	022.6611.PANC.090Q
110	022.6611.PANC.110Q

EPDM SEALS – PLAIN ENDS – FAIL SAFE OPEN

d	PART NO
16	022.6611.PANO.016Q
20	022.6611.PANO.020Q
25	022.6611.PANO.025Q
32	022.6611.PANO.032Q
40	022.6611.PANO.040Q
50	022.6611.PANO.050Q
63	022.6611.PANO.063Q
75	022.6611.PANO.075Q
90	022.6611.PANO.090Q
110	022.6611.PANO.110Q

FPM SEALS – PLAIN ENDS – FAIL SAFE CLOSE

d	PART NO
16	022.6611.PANC.016R
20	022.6611.PANC.020R
25	022.6611.PANC.025R
32	022.6611.PANC.032R
40	022.6611.PANC.040R
50	022.6611.PANC.050R
63	022.6611.PANC.063R
75	022.6611.PANC.075R
90	022.6611.PANC.090R
110	022.6611.PANC.110R

FPM SEALS – PLAIN ENDS – FAIL SAFE OPEN

d	PART NO
16	022.6611.PANO.016R
20	022.6611.PANO.020R
25	022.6611.PANO.025R
32	022.6611.PANO.032R
40	022.6611.PANO.040R
50	022.6611.PANO.050R
63	022.6611.PANO.063R
75	022.6611.PANO.075R
90	022.6611.PANO.090R
110	022.6611.PANO.110R

OPTIONAL ITEMS ON REQUEST: LIMIT SWITCH BOXES, POSITIONERS, PILOT SOLENOIDS FOR HAZARDOUS AREA ITEMS PLEASE CONTACT OUR SALES OFFICE



PVC METRIC ACTUATED VALVES



PNEUMATICALLY ACTUATED BALL VALVE – DOUBLE ACTING ACTUATOR

EPDM SEALS – PLAIN ENDS

d	PART NO
16	022.6611.PADA.016Q
20	022.6611.PADA.020Q
25	022.6611.PADA.025Q
32	022.6611.PADA.032Q
40	022.6611.PADA.040Q
50	022.6611.PADA.050Q
63	022.6611.PADA.063Q
75	022.6611.PADA.075Q
90	022.6611.PADA.090Q
110	022.6611.PADA.110Q

FPM SEALS – PLAIN ENDS

d	PART NO
16	022.6611.PADA.016R
20	022.6611.PADA.020R
25	022.6611.PADA.025R
32	022.6611.PADA.032R
40	022.6611.PADA.040R
50	022.6611.PADA.050R
63	022.6611.PADA.063R
75	022.6611.PADA.075R
90	022.6611.PADA.090R
110	022.6611.PADA.110R

PLEASE SEE PAGE 98 FOR PRICES FOR VALVES WITH THREADED ENDS

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

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



PNEUMATICALLY ACTUATED ISO TOP BALL VALVE – SPRING RETURN ACTUATOR

EPDM SEALS – PLAIN ENDS – FAIL SAFE CLOSE

d	PART NO
32•	022.6611.PANC.032Q-V
50•	022.6611.PANC.050Q-V
63•	022.6611.PANC.063Q-V

FPM SEALS – PLAIN ENDS – FAIL SAFE CLOSE

d	PART NO
32•	022.6611.PANC.032R-V
50•	022.6611.PANC.050R-V
63•	022.6611.PANC.063R-V

EPDM SEALS – PLAIN ENDS – FAIL SAFE OPEN

d	PART NO
32•	022.6611.PANO.032Q-V
50•	022.6611.PANO.050Q-V
63•	022.6611.PANO.063Q-V

FPM SEALS – PLAIN ENDS – FAIL SAFE OPEN

d	PART NO
32•	022.6611.PANO.032R-V
50•	022.6611.PANO.050R-V
63•	022.6611.PANO.063R-V

PLEASE SEE PAGE 102 FOR PRICES FOR VALVES WITH THREADED ENDS

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

PNEUMATICALLY ACTUATED ISO TOP BALL VALVE – DOUBLE ACTING ACTUATOR

EPDM SEALS – PLAIN ENDS

d	PART NO
32•	022.6611.PADA.032Q-V
50•	022.6611.PADA.050Q-V
63•	022.6611.PADA.063Q-V

FPM SEALS – PLAIN ENDS

d	PART NO
32•	022.6611.PADA.032R-V
50•	022.6611.PADA.050R-V
63•	022.6611.PADA.063R-V

PLEASE SEE PAGE 104 FOR PRICES FOR VALVES WITH THREADED ENDS

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

• NON COMER PRODUCT



ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES



ELECTRICALLY ACTUATED BUTTERFLY VALVE – PVC BODY & PP DISC – ZINC PLATED MILD STEEL STEM

EPDM LINER – 110–240V AC

d	PART NO
75	023.73E.EAJ.075Q
90	023.73E.EAJ.090Q
110	023.73E.EAJ.110Q
140	023.73E.EAJ.140Q
160	023.73E.EAJ.160Q
225	023.73E.EAJ.225Q

EPDM LINER – 24V AC/DC

d	PART NO
75	023.73E.EAC.075Q
90	023.73E.EAC.090Q
110	023.73E.EAC.110Q
140	023.73E.EAC.140Q
160	023.73E.EAC.160Q
225	023.73E.EAC.225Q



PNEUMATICALLY ACTUATED BUTTERFLY VALVE – PVC BODY & PP DISC – ZINC PLATED MILD STEEL STEM – SPRING RETURN ACTUATOR

PNEUMATICALLY ACTUATED BUTTERFLY VALVE – PVC BODY & PP DISC – ZINC PLATED MILD STEEL STEM – DOUBLE ACTING ACTUATOR

EPDM LINER – FAIL SAFE CLOSE

d	PART NO
75	023.73E.PANC.075Q
90	023.73E.PANC.090Q
110	023.73E.PANC.110Q
140	023.73E.PANC.140Q
160	023.73E.PANC.160Q
225	023.73E.PANC.225Q

EPDM LINER – FAIL SAFE OPEN

d	PART NO
75	023.73E.PANO.075Q
90	023.73E.PANO.090Q
110	023.73E.PANO.110Q
140	023.73E.PANO.140Q
160	023.73E.PANO.160Q
225	023.73E.PANO.225Q

EPDM LINER

d	PART NO
75	023.73E.PADA.075Q
90	023.73E.PADA.090Q
110	023.73E.PADA.110Q
140	023.73E.PADA.140Q
160	023.73E.PADA.160Q
225	023.73E.PADA.225Q

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

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PNEUMATICALLY ACTUATED DIAPHRAGM VALVE
– SPRING RETURN ACTUATOR



PNEUMATICALLY ACTUATED DIAPHRAGM VALVE – DOUBLE ACTING ACTUATOR

EPDM DIAPHRAGM – FAIL SAFE CLOSE

d	PART NO
20•	022.681.PANC.020Q
25•	022.681.PANC.025Q
32•	022.681.PANC.032Q
40•	022.681.PANC.040Q
50•	022.681.PANC.050Q
63•	022.681.PANC.063Q
75•	022.681.PANC.075Q
90•	022.681.PANC.090Q
110•	022.681.PANC.110Q

EPDM DIAPHRAGM – FAIL SAFE OPEN

d	PART NO
20•	022.681.PANO.020Q
25•	022.681.PANO.025Q
32•	022.681.PANO.032Q
40•	022.681.PANO.040Q
50•	022.681.PANO.050Q
63•	022.681.PANO.063Q
75•	022.681.PANO.075Q
90•	022.681.PANO.090Q
110•	022.681.PANO.110Q

EPDM DIAPHRAGM

d	PART NO
20•	022.681.PADA.020Q
25•	022.681.PADA.025Q
32•	022.681.PADA.032Q
40•	022.681.PADA.040Q
50•	022.681.PADA.050Q
63•	022.681.PADA.063Q
75•	022.681.PADA.075Q
90•	022.681.PADA.090Q
110•	022.681.PADA.110Q

FPM DIAPHRAGM AVAILABLE – PRICES ON APPLICATION

PTFE/EPDM DIAPHRAGM – FAIL SAFE CLOSE

d	PART NO
20•	022.681.PANC.020S
25•	022.681.PANC.025S
32•	022.681.PANC.032S
40•	022.681.PANC.040S
50•	022.681.PANC.050S
63•	022.681.PANC.063S
75•	022.681.PANC.075S
90•	022.681.PANC.090S
110•	022.681.PANC.110S

PTFE/EPDM DIAPHRAGM – FAIL SAFE OPEN

d	PART NO
20•	022.681.PANO.020S
25•	022.681.PANO.025S
32•	022.681.PANO.032S
40•	022.681.PANO.040S
50•	022.681.PANO.050S
63•	022.681.PANO.063S
75•	022.681.PANO.075S
90•	022.681.PANO.090S
110•	022.681.PANO.110S

PTFE/EPDM DIAPHRAGM

d	PART NO
20•	022.681.PADA.020S
25•	022.681.PADA.025S
32•	022.681.PADA.032S
40•	022.681.PADA.040S
50•	022.681.PADA.050S
63•	022.681.PADA.063S
75•	022.681.PADA.075S
90•	022.681.PADA.090S
110•	022.681.PADA.110S

SIZES 20mm – 63mm DOUBLE UNION ENDS, LARGER SIZES HAVE SPIGOT ENDS

NOTE
THE ABOVE VALVES HAVE THE FOLLOWING DIAPHRAGM SIZES:
20mm TO 32mm VALVES – 3/4" DIAPHRAGM
40mm VALVES – 1" DIAPHRAGM
50mm TO 2" VALVES – 1 1/2" DIAPHRAGM
75mm VALVE – 2" DIAPHRAGM
90mm VALVE – 3" DIAPHRAGM
110mm VALVE – 4" DIAPHRAGM

• NON COMER PRODUCT

sales@epco-plastics.com

Call us on 0113 2491155

Speak to one of our dedicated and highly trained sales team, you can also fax 0113-2491166



ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES

ABS

PVC IMPERIAL

PVC METRIC

POLYPROPYLENE

COMPRESSION FITTINGS

GUIDELINES



GRIFFON UNI-100 PVC CEMENT

SIZE	PART NO	Box
250ml*	96.E101030	24
500ml	96.E101080	12

* TUB WITH BRUSH



GRIFFON CLEANING FLUID

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



GRIFFON UNI-100 XT

SIZE	PART NO	Box
125ml*	96.E6300545	30
250ml=	96.E6300425	24
500ml=	96.E6300497	12
1000ml=	96.E6300427	8

* TUBE
= TUB WITH BRUSH



GRIFFON HCR-36 CHEMICAL CEMENT

SIZE	PART NO	Box
1000ml	96.E114091	2



GRIFFON UNI-100 GT PVC CEMENT

SIZE	PART NO	Box
5000ml	96.E101160	1

A SLOWER SETTING PVC CEMENT WHICH IS NORMALLY USED IN LARGE DIAMETER INSTALLATIONS



GRIFFON HCR-36 CHEMICAL CLEANER

SIZE	PART NO	Box
500ml	96.E120006	2



GRIFFON WDF-05

SIZE	PART NO	Box
250ml*	96.45.0240	12
500ml*	96.45.0500	12

* TUB WITH BRUSH



GRIFFON T-88 PVC CEMENT

SIZE	PART NO	Box
100ml	96.E6110027	24



125g TUBE GRIFFON KOLMAT PVC / ABS THREAD SEAL PASTE

SIZE	PART NO	Box
125g	96.E6300213	6



GRIFFON AQUA-MAX POOL SEALANT

SIZE	PART NO	Box
425g	96.E6308214	12



GRIFFON LUBRICANT

SIZE	PART NO	Box
400ml	96.E6160150	12



GRIFFON BLUE GEL

SIZE	PART NO	Box
250g*	96.E6305316	8
800g	96.E6140010	12

* TUBE

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**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 CABLE SAW

SIZE	PART NO	Box
90cm	96.E6307762	6



GRIFFON CHAMFERING TOOL

SIZE	PART NO	Box
20–63mm	96.E6307771	6



**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



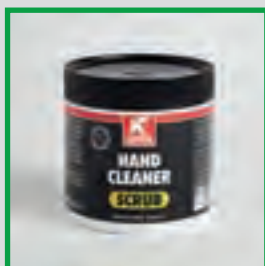
**GRIFFON MULTI-
FUNCTIONAL WIPES**

SIZE	PART NO	Box
1 x 75	96.E6307282	6



GRIFFON CLEANER CLOTHS

SIZE	PART NO	Box
1 x 100	96.E6307417	6



GRIFFON HAND CLEANER

SIZE	PART NO	Box
500ml	96.E6307283	12



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

EPDM O RINGS TO SUIT PVC UNIONS

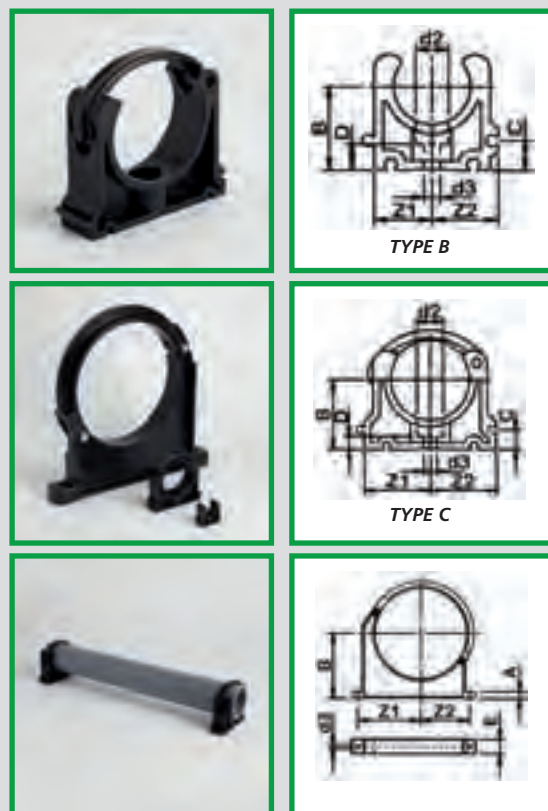


SIZE	PART NO
20	G/UN020
25	G/UN025
32	G/UN032
40	G/UN040
50	G/UN050

SIZE	PART NO
63	G/UN063
75	G/UN075
90	G/UN090
110	G/UN110



INDUSTRIAL PIPE CLIP – BLACK P/P



SIZE	PART NO	TYPE	d2	d3	Z1	Z2	B	C	D	E	Wt (g)	Box
16	962.41.016	B	10.5	5.5	14	16.5	23	10	6	16	6	400
20	962.41.020	B	10.5	5.5	16.5	19	25	10	6	16	8	400
25	962.41.025	B	10.5	5.5	19	21.5	27.5	10	6	16	10	800
32	962.41.032	B	10.5	5.5	24	26.5	31	10	6	16	12	600
40	962.41.040	C	14	6.5	33.5	33.5	35	10	6.5	22	26	250
50	962.41.050	C	14	6.5	37	37	40	10	6.5	22	29	250
63	962.41.063	C	17	8.5	44.5	44.5	51.5	10	6.5	25	48	150
75	961.41.08	C	17	8.5	52	52	57.5	10	10	25	73	80
90	961.41.09	C	17	8.5	64.5	64.5	65	10	10	28	107	60
110	962.41.110	C	17	8.5	78	78	75	10	10	28	120	50
125	962.41.125	C	17	8.5	88	88	90	10	10	31.5	190	40
140	961.41.11	C	17	8.5	97	97	110	10	10	31.5	270	20
140	962.41.140A	D		8.5	120.5	97.5	130		20	35	340	40
160	962.41.160	C	17	8.5	109	109	107.5	10	10	31.5	360	20
160	962.41.160A	D		8.5	130.5	106.5	147.5		20	35	390	20
180	962.41.180	D		11	142.5	115	162.5		20	35	440	10
200	962.41.200	D		13	151.5	119.5	175		25	40	657	10
225	962.41.225	D		13	164.5	131.5	175		25	40	683	10
250	962.41.250	D		13	182.5	142.5	200		25	40	786	10
280	962.41.280	D		13	197.5	155.5	200		25	40	825	10
315	962.41.315	D		13	218.5	171.5	225		25	40	963	10
355	962.41.355	D		17	276	210	257		30	50	1473	10
400	962.41.400	D		17	301	230	288		30	50	1698	10

SIZES 12mm TO 32mm INCLUSIVE ARE NOT SUPPLIED WITH RETAINING STRAPS

SIZES 180mm TO 400mm INCLUSIVE ARE SUPPLIED COMPLETE WITH STRAP AND BZP STRAP BOLT

THIS PRODUCT IS DESIGNED FOR USE WITH OUR INDUSTRIAL SPACING BLOCK PAGE 168
PRODUCT CODE 961.42

GREEN RUBBER LINED PIPE CLIP



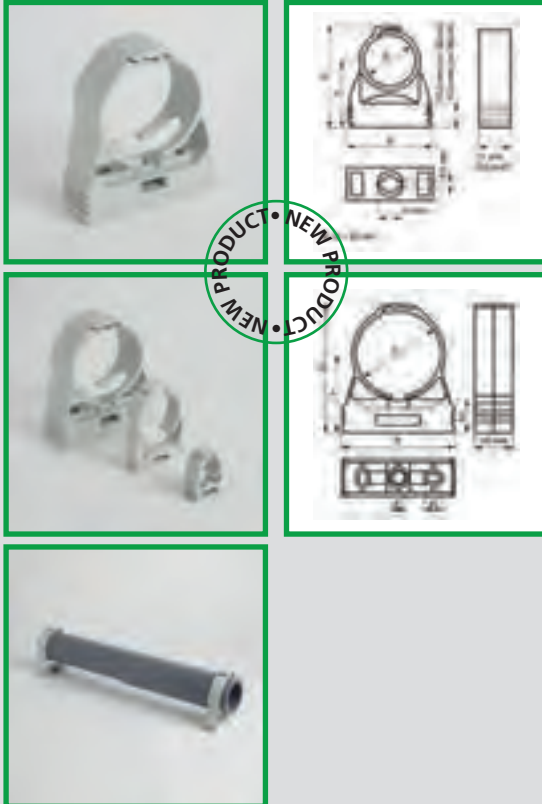
SIZE	PART NO	mm	b x s (mm)	TAPPED	Box
16	962.123.016	16	20 x 1,25	M8 / M10	50
20	962.123.020	20	20 x 1,25	M8 / M10	50
25	962.123.025	25	20 x 1,25	M8 / M10	50
32	962.123.032	32	20 x 1,25	M8 / M10	50
40	962.123.040	40	20 x 1,25	M8 / M10	50
50	962.123.050	50	20 x 1,25	M8 / M10	50
63	962.123.063	63	20 x 1,25	M8 / M10	50
75	962.123.075	75	20 x 1,25	M8 / M10	50
90	962.123.090	90	23 x 2,00	M8 / M10	25
110	962.123.110	110	23 x 2,00	M8 / M10	10
160	962.123.160	160	25 x 2,50	M8 / M10	10

UK Wide Next Day Delivery*

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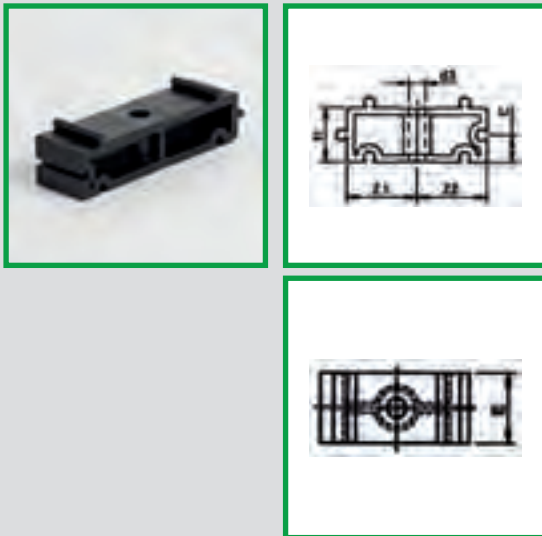
QUICK CLAMP PIPE CLIP



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

D	PART NO	o.d.	d1 (mm)	d2 (mm)	h2 (mm)
75	961.47.08	71-76	10.5	13 x 8.3	28
90	961.47.09	88-93	13	13 x 8.3	32
110	961.47.10	109-115	13	15 x 10.5	35

INDUSTRIAL SPACING BLOCK – BLACK P/P



SIZE	PART NO	d3	Z1	Z2	H	C	E	Wt (g)	Box
16	961.42.01	5.5	14	16.5	20	10	16	4.5	400
20	961.42.02	5.5	16.5	19	20	10	16	5	400
25	961.42.03	5.5	19	21.5	20	10	16	6	800
32	961.42.04	5.5	24	26.5	20	10	16	8	600
40	961.42.05	6.5	33.5	33.5	20	10	22	16	250
50	961.42.06	6.5	37	37	20	10	22	17	250
63	961.42.07	8.5	44.5	44.5	20	10	25	24	150
75	961.42.08	8.5	52	52	20	10	25	28	80
90	961.42.09	8.5	64.5	64.5	20	10	28	42	100
110	961.42.10	8.5	78	78	20	10	28	49	80

THIS PRODUCT IS DESIGNED FOR USE WITH OUR INDUSTRIAL PIPE CLIP PAGE 167 PRODUCT COSE 962.41

METRIC VALVE END PLAIN



SIZE	PART NO
16	VEMPPVC016
20	VEMPPVC020
25	VEMPPVC025
32	VEMPPVC032
40	VEMPPVC040
50	VEMPPVC050
63	VEMPPVC063
75	VEMPPVC075
90	VEMPPVC090
110	VEMPPVC110

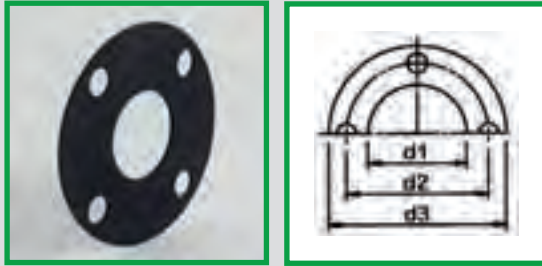
METRIC VALVE NUT



SIZE	PART NO
16/20	VNPVC020
25	VNPVC025
32	VNPVC032
40	VNPVC040
50	VNPVC050
63	VNPVC063
75	VNPVC075
90	VNPVC090
110	VNPVC110



EPDM FULL FACE GASKET – NP10/16

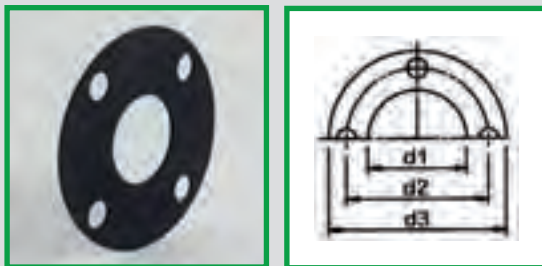


STANDARD GASKETS ARE 3.0mm THICK. OTHER DRILLINGS ARE AVAILABLE TO ORDER

PRICES ARE ALSO AVAILABLE ON REQUEST FOR OTHER GASKET MATERIALS (IE FPM, PTFE ETC.)

SIZE	PART NO	d3	d1	d2	Holes	Wt (g)
20	983.171.02Z	95	22	65	4	22
25	983.171.03Z	105	26	75	4	31
32	983.171.04Z	115	36	85	4	34
40	983.171.05Z	140	43	100	4	48
50	983.171.06Z	150	50	110	4	51
63	983.171.07Z	165	60	125	4	66
75	983.171.08Z	185	77	145	4	80
90	983.171.09Z	200	89	160	8	86
110	983.171.10Z	220	115	180	8	95
125	983.171.125Z	250	150	210	8	100
140	983.171.11AZ	250	141	210	8	108
160	983.171.12Z	285	170	240	8	136
180	983.171.180Z			240	8	
200 NP10	983.171.200Y	341	227	295	8	177
200 NP16	983.171.200Z	341	227	295	12	177
225 NP10	983.171.13AY	341	227	295	8	177
225 NP16	983.171.13AZ	341	227	295	12	177
250 NP10	983.171.250Y			350	12	223
250 NP16	983.171.250Z			355	12	223
280 NP10	983.171.14AY			350	12	223
280 NP16	983.171.14AZ			355	12	223
315 NP10	983.171.15Y			400	12	230
315 NP16	983.171.15Z			410	12	230
355 NP10	983.171.16Y			460	16	330
355 NP16	983.171.16Z			470	16	330
400 NP10	983.171.17Y			515	16	420
400 NP16	983.171.17Z			525	16	420
500 NP10	983.171.19Y			620	20	
500 NP16	983.171.19Z			650	20	

EPDM FULL FACE GASKET – BS10 TABLES D & E



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.)

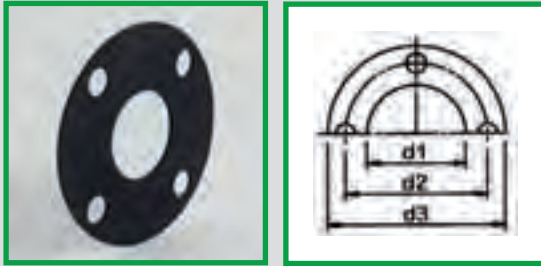
SIZE	PART NO	d3	d1	d2	Holes	Wt (g)
20	983.171.02W	95	22	67	4	22
25	983.171.03W	102	26	73	4	31
32	983.171.04W	114	36	83	4	34
40	983.171.05W	121	43	87	4	48
50	983.171.06W	133	50	98	4	51
63	983.171.07W	152	60	114	4	66
75	983.171.08W	165	77	127	4	80
90	983.171.09W	185	89	146	4	86
110 D	983.171.10V	216	115	178	4	95
110 E	983.171.10W	216	115	178	8	95
125	983.171.11W			210	8	108
140	983.171.11AW	254	141	210	8	108
160	983.171.12W	279	170	235	8	136
180	983.171.12AW			235	8	136
200 D	983.171.200V			292	8	177
200 E	983.171.200W			292	8	177
225 D	983.171.13AV			292	8	177
225 E	983.171.13AW			292	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*



EPDM FULL FACE GASKET – ASA 150



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.)

SIZE	PART NO	d3	d1	d2	Holes	Wt (g)
20	983.171.02X	89	22	60	4	22
25	983.171.03X	98	26	70	4	31
32	983.171.04X	114	36	79	4	34
40	983.171.05X	117	43	89	4	48
50	983.171.06X	127	50	98	4	51
63	983.171.07X	152	60	121	4	66
75	983.171.08X	178	77	140	4	80
90	983.171.09X	191	89	152	4	86
110	983.171.10X	229	115	190	8	95
125	983.171.125X			190	8	108
140	983.171.11AX	254	141	216	8	108
160	983.171.12X	279	170	241	8	136
180	983.171.12AX			241	8	136
200	983.171.13X			298	8	177
225	983.171.13AX	343	221	298	8	177
250	983.171.14X			362	12	233
280	983.171.14AX			362	12	233
315	983.171.15X			432	12	230

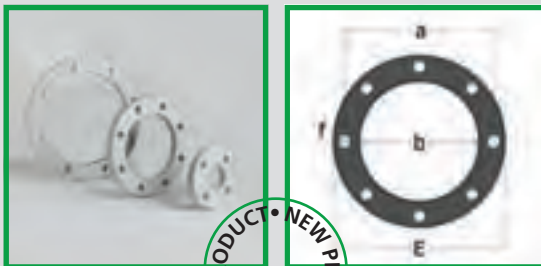
EPDM STUB GASKET



STANDARD GASKETS ARE 3.0MM THICK

SIZE	PART NO	D	d	Wt (g)
20	983.151.02	33	18	2
25	983.151.03	40	23	3
32	983.151.04	48	30	4
40	983.151.05	58	33	6
50	983.151.06	70	44	8
63	983.151.07	87	60	11
75	983.151.08	103	77	16
90	983.151.09	121	85	21
110	983.151.10	147	105	31
125	983.151.125	165	120	35
140	983.151.11A	183	143	37
160	983.151.12	210	170	43
180	983.151.180	185	225	58
200	983.151.200	248	192	60
225	983.151.13A	265	215	80
250	983.151.250	303	240	90
280	983.151.14A	323	273	98
315	983.151.315	378	315	108
355	983.151.355	430	340	170
400	983.151.400	482	385	205
450	983.151.450			
500	983.151.500			
630	983.151.630			

GRPP COATED MILD STEEL BACKING RING – NP10/16

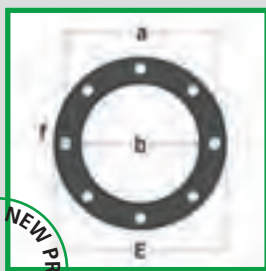


SIZE	PART NO	A	E	Holes	Wt (g)
32	081.441.04Z	84	114	4	470
40	081.441.05Z	100	139	4	730
50	081.441.06Z	109	150	4	820
63	081.441.07Z	125	165	4	1090
75	081.441.08Z	145	185	4	1380
90	081.441.09Z	160	200	8	1310
110	081.441.10Z	180	220	8	1370
125 ASA	082.441.125-SPEC	180	220	8	1370
140	081.441.11Z	210	250	8	2060
160	082.441.160Z	240	285	8	2840
200 NP10	082.441.200Y	295	340	8	3470
200 NP16	082.441.200Z	295	340	12	3350
225 NP10	081.441.13Y	295	340	8	3520



PVC METRIC ACCESSORIES

GRPP COATED MILD STEEL BACKING RING – NP10



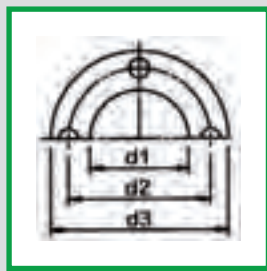
SIZE	PART NO	A	E	Holes	Wt (g)
225 NP16	081.441.13Z	295	340	12	3200
250 NP10	082.441.250Y	350	395	12	5100
250 NP16	082.441.250Z	355	404	12	4780
280 NP10	081.441.14Y	350	395	12	4170
280 NP16	081.441.14Z	355	404	12	4700
315 NP10	081.441.15Y	400	460	12	7360
315 NP16	081.441.15Z	410	474	12	8150
355 NP10	082.441.355Y	461	512	16	13700
355 NP16	082.441.355Z	471	530	16	17750
400 NP10	082.441.400Y	516	570	16	15900
400 NP16	082.441.400Z	526	590	16	21850

GALVANISED MILD STEEL BACKING RING – NP10/16



SIZE	PART NO	d3	d1	d2	Holes	Wt (g)
20	991.331.02Z	95	28	65	4	350
25	991.331.03Z	105	34	75	4	400
32	991.331.04Z	115	42	85	4	500
40	991.331.05Z	140	51	100	4	600
50	991.331.06Z	150	62	110	4	700
63	991.331.07Z	165	78	125	4	1000
75	991.331.08Z	185	92	145	4	1390
90	991.331.09Z	200	110	160	8	1300
110	991.331.10Z	220	133	180	8	1500
125	992.331.125Z			210	8	1650
140	991.331.11Z	250	167	210	8	2050
160	991.331.12Z	285	196	240	8	2400
180	991.331.180Z			240	8	2600
200 NP10	992.331.200Y			295	8	3000
200 NP16	992.331.200Z			295	12	3000
225 NP10	991.331.13Y	340	250	295	8	3000
225 NP16	991.331.13Z	340	250	295	12	3000
250 NP10	992.331.250Y			350	12	6400
250 NP16	992.331.250Z			355	12	6400
280 NP10	992.331.14Y			350	12	7000
280 NP16	992.331.14Z			355	12	7000
315 NP10	992.331.315Y			400	12	8800
315 NP16	992.331.315Z			410	12	8800
355 NP10	992.331.355Y			460	16	
355 NP16	992.331.355Z			470	16	
400 NP10	992.331.400Y			515	16	
400 NP16	992.331.400Z			525	16	
500 NP10	992.331.500Y			620	20	
500 NP16	992.331.500Z			650	20	

GALVANISED MILD STEEL BACKING RING – BS10 TABLES D & E



SIZE	PART NO	d3	d1	d2	Holes	Wt (g)
20	991.331.02W	95	28	67	4	350
25	991.331.03W	102	34	73	4	400
32	991.331.04W	114	42	83	4	500
40	991.331.05W	121	51	87	4	600
50	991.331.06W	133	62	98	4	700
63	991.331.07W	152	78	114	4	1000
75	991.331.08W	165	92	127	4	1390
90	991.331.09W	184	110	146	4	1300
110 D	991.331.10V	216	133	178	4	1500
110 E	991.331.10W	216	133	178	8	1500
125	992.331.125W			210	8	1650
140	991.331.11W	249	167	210	8	2050
160	991.331.12W	279	196	235	8	2400
180	992.331.180W			235	8	2400
200 D	992.331.200V			292	8	2500
200 E	992.331.200W			292	8	2500
225 D	991.331.13V			292	8	2500
225 E	991.331.13W		250	292	8	3000

UK Wide Next Day Delivery*

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GALVANISED MILD STEEL BACKING RING – ASA 150



SIZE	PART NO	d3	d1	d2	Holes	Wt (g)
20	991.331.02X	89	28	60	4	350
25	991.331.03X	98	34	70	4	400
32	991.331.04X	114	42	79	4	500
40	991.331.05X	117	51	89	4	600
50	991.331.06X	127	62	98	4	700
63	991.331.07X	152	78	121	4	1000
75	991.331.08X	178	92	140	4	1390
90	991.331.09X	191	110	152	4	1300
110	991.331.10X	229	133	190	8	1500
125	992.331.125X			190	8	1650
140	991.331.11X	254	167	216	8	2050
160	991.331.12X	279	196	241	8	2400
180	991.331.180X			241	8	2400
200	992.331.200X			298	8	3000
225	991.331.13X	339	250	298	8	3000
250	992.331.250X			362	12	6400
280	992.331.14X			362	12	7000
315	992.331.315X			432	12	8800

PVC BACKING RING – NP10/16



SIZE	PART NO	D	E	S	F	I	Holes	Wt (g)	Box
20	022.331.020Z	28	95	11	14	65	4	68	150
25	022.331.025Z	34	105	12	14	75	4	90	100
32	022.331.032Z	42	115	14	14	85	4	120	75
40	022.331.040Z	51	142	15	18	100	4	195	100
50	022.331.050Z	62	152	16	18	110	4	230	80
63	022.331.063Z	78	165	18	18	125	4	280	50
75	022.331.075Z	92	185	19	18	145	4	355	40
90	022.331.090Z	110	200	20	18	160	8	430	35
110	022.331.110Z	133	220	22	18	180	8	520	24
125*	022.331.125Z	149	230	24	18	190	8	585	20
140	022.331.140Z	167	250	26	18	210	8	700	18
160	022.331.160Z	190	285	28	22	240	8	930	28
180	022.331.180Z	203	318	32	22	270	8	1800	20
200 NP10	022.331.200Y	235	340	30	22	295	8	1200	10
225 NP10	022.331.225Y	250	340	30	22	295	8	1270	10
250 NP10	022.331.250Y	280	395	34	22	350	12	1680	8
280 NP10	022.331.280Y	310	395	30	22	350	12	2000	9
315 NP10	022.331.315Y	349	445	31	22	400	12	2700	10
355 NP10	022.331.355Y	388	511	34	22	460	16	3550	6
400 NP10	022.331.400Y	438	572	34	25	515	16	4500	5
500 NP10	022.331.500Y	534	680	35	25	620	20	6100	3

* DRILLED 4" ASA 150

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

