

EPDM Plumbing Range

30-118mm diameter



See page 38 for full standard details

Flexible couplings for low pressure plumbing applications



Introduction

The Flexseal Plumbing range is designed and manufactured from high performance EPDM rubber, which provides outstanding product quality. End clamps are provided as standard in Grade 1.4301 (304) stainless steel, and Grade 1.4401 (316) stainless steel end clamps are available upon request.

The range is ideal for the connection of pipes with differing outside diameters whether due to different pipe materials or pipe sizes, and also for use on smaller diameter pipes in most low/non pressure plumbing applications.

The range includes Straight Couplings and Adaptor Couplings from 30-100mm. Elbows, Tees and End Caps can be found on the following page.

Please contact our sales office for further details.

Benefits for Plumbing Applications

- Quick and easy to install
- Provides a reliable flexible seal, watertight and airtight
- Can be used on any pipe material
- Ideal for connecting incompatible pipe systems
- Temperature range - 50°C to 150°C

EPDM Straight Plumbing Couplings



Product Range

Reference No.	Size Range (mm)
PC35	30 - 35
PC43	38 - 43
PC56	48 - 56
PC68	60 - 68
PC76	67 - 76
PC85	76 - 85
PC92	82 - 92
PC100	90 - 100

Common Applications

PC35	<ul style="list-style-type: none"> 35mm COPPER 32mm POLYPROPYLENE 	PC76	75mm PVCu
PC43	<ul style="list-style-type: none"> 42mm COPPER 40mm POLYPROPYLENE 	PC85	<ul style="list-style-type: none"> 75mm CAST IRON SMU/ENSIGN 76mm COPPER 70mm CAST IRON SML
PC56	<ul style="list-style-type: none"> 50mm POLYPROPYLENE/HDPE 54mm COPPER 	PC92	75mm CAST IRON BS416/BS437
PC68	<ul style="list-style-type: none"> 50mm CAST IRON SMU/ENSIGN/SML 50mm CAST IRON BS416/BS437 67mm COPPER 68mm PLASTIC RAINWATER PIPE 	PC100	93mm COPPER

EPDM Adaptor Plumbing Couplings



Product Range

Reference No.	Size Range Large End (mm)	Size Range Small End (mm)
PAC0301	30 - 34	24 - 28
PAC0431	38 - 43	30 - 35
PAC0562	48 - 56	38 - 43
PAC0682	60 - 68	38 - 43
PAC0923	82 - 92	48 - 56
PAC0924	82 - 92	60 - 68

Common Applications

<ul style="list-style-type: none"> COPPER 35mm POLYPROPYLENE 32mm 	<ul style="list-style-type: none"> ➤ PAC0301 	<ul style="list-style-type: none"> — 25mm POLYPROPYLENE
<ul style="list-style-type: none"> COPPER 35mm POLYPROPYLENE 40mm 	<ul style="list-style-type: none"> ➤ PAC0431 	<ul style="list-style-type: none"> — 40mm POLYPROPYLENE
<ul style="list-style-type: none"> POLYPROPYLENE 40mm ABS 40mm 	<ul style="list-style-type: none"> ➤ PAC0562 	<ul style="list-style-type: none"> — 54mm COPPER — 50mm ABS — 50mm POLYPROPYLENE
<ul style="list-style-type: none"> POLYPROPYLENE 40mm ABS 40mm 	<ul style="list-style-type: none"> ➤ PAC0682 	<ul style="list-style-type: none"> — 50mm CAST IRON BS416/BS437 — 67mm COPPER — 50mm CAST IRON (SMU/ENSIGN/SMU) — 50mm ALUMINIUM
<ul style="list-style-type: none"> COPPER 54mm POLYPROPYLENE 50mm ABS 50mm 	<ul style="list-style-type: none"> ➤ PAC0923 	<ul style="list-style-type: none"> — 82mm PVCu — 75mm CAST IRON (BS416/BS437) — 75mm CAST IRON (SMU/ENSIGN) — 75mm STAINLESS STEEL
<ul style="list-style-type: none"> CAST IRON (BS416/BS437) 50mm CAST IRON (SMU/ENSIGN/SMU) 50mm ALUMINIUM 50mm COPPER 50mm 	<ul style="list-style-type: none"> ➤ PAC0924 	<ul style="list-style-type: none"> — 82mm PVCu — 75mm CAST IRON (BS416/BS437) — 75mm CAST IRON (SMU/ENSIGN) — 75mm STAINLESS STEEL

EPDM Plumbing Elbows

30-118mm diameter

For low pressure plumbing applications



Product Range

Reference No.	Size Range (mm)
PE38	30 - 38
PE50	40 - 50
PE60	50 - 60
PE90	78 - 90
PE118	106 - 118

Common Applications

PE38 — 32mm PP
35mm copper
32mm ABS
32mm PE

PE50 — 40mm ABS

PE60 — 54mm (2") COPPER
50mm CAST IRON (SMU/ENSIGN/SML)
50mm CAST IRON (SOIL)
50mm PVCu
50mm ABS
50mm GALVANISED STEEL
63mm ALUMINIUM

PE90 — 70mm CAST IRON (ENSIGN/SML)
75mm CAST IRON (SOIL)
75mm CAST IRON (SMU)
82mm PVCu
75mm GALVANISED STEEL

PE118 — 100mm CAST IRON (SMU/ENSIGN/SML)
100mm CAST IRON (SOIL)
110mm PVCu
100mm GALVANISED STEEL
108mm (4") COPPER
100mm POLYETHYLENE

EPDM Plumbing Tees

30-118mm diameter

For low pressure plumbing applications



Product Range

Reference No.	Size Range (mm)
PT38	30 - 38
PT50	40 - 50
PT60	50 - 60
PT90	78 - 90
PT118	106 - 118

Common Applications

PT38 — 32mm PP
35mm copper
32mm ABS
32mm PE

PT50 — 40mm ABS

PT60 — 54mm (2") COPPER
50mm CAST IRON (SMU/ENSIGN/SML)
50mm CAST IRON (SOIL)
50mm PVCu
50mm ABS
50mm GALVANISED STEEL
63mm ALUMINIUM

PT90 — 70mm CAST IRON (ENSIGN/SML)
75mm CAST IRON (SOIL)
75mm CAST IRON (SMU)
82mm PVCu
75mm GALVANISED STEEL

PT118 — 100mm CAST IRON (SMU/ENSIGN/SML)
100mm CAST IRON (SOIL)
110mm PVCu
100mm GALVANISED STEEL
108mm (4") COPPER
100mm POLYETHYLENE

EPDM End Caps

28-360mm diameter

For a watertight cap on a pipe end

Introduction

Flexseal EPDM End Caps are ideal for capping pipe ends, cleanouts and open test pipes. Suitable for both above and below ground applications, Flexseal end caps can be used on any pipe material. The convex face allows the cap to withstand greater pressure for testing purposes and minimises ballooning. Flexseal EPDM End Caps are available as standard with a Grade 1.4301(304) stainless steel clamping system. Grade 1.4401 (316) available on request.

Air and Water Testing

Flexseal End Caps can be used for both air and water testing of pipelines provided the limitations of the product are taken into account.

The pressures used during testing are usually very low and as a result the end cap is able to resist this pressure without ballooning excessively.

However it is important to brace the end cap to minimise the inflation and to prevent the end cap sliding off the end of the pipe which is possible with smooth walled pipes.

The clamp is capable of sealing up to a pressure of 0.6bar. At this pressure, bracing should be used as a precautionary measure.

Flexseal End Caps can be supplied with an Air Test Nipple as pictured.



Product Range

Reference No	Size Range (mm)	Ref No with Test Nipple	Reference No	Size Range (mm)	Ref No with Test Nipple
REC36	28 – 36	REC36T	REC173	163 – 173	REC173T
REC45	37 – 45	REC45T	REC190	180 – 190	REC190T
REC56	48 – 56	REC56T	REC212	200 – 212	REC212T
REC68	60 – 68	REC68T	REC250	235 – 250	REC250T
REC76	67 – 76	REC76T	REC270	255 – 270	REC270T
REC85	76 – 85	REC85T	REC315	300 – 315	REC315T
REC92	82 – 92	REC92T	REC360	345 – 360	REC360T
REC115	105 – 115	REC115T			
REC135	125 – 135	REC135T			
REC165	155 – 165	REC165T			