

PHILMAC 3G METRIC COMPRESSION FITTINGS – THE CONNECTION YOU CAN TRUST...

Philmac is proud to release one of the most innovative and revolutionary products of its kind.

Designed to make the job at hand so much easier, the 3G Metric™ plastic compression fitting is the product of Philmac's unrelenting commitment to continuous improvement and a culture based on innovation and ingenuity.

FAST, EASY INSTALLATION

With Slide & Tighten™ technology and a compact design, Philmac 3G Metric fittings are easier to use than ever before. Fittings have been created with easy installation in mind.

EASY DISASSEMBLY

The fitting has been designed so the collet is released as soon as the nut is backed off, making disassembly easy.

COMPLETE SECURITY

Have complete peace of mind with Philmac 3G Metric's dynamic sealing method and visual stop. If the nut is removed there is no danger of losing components, as the collet and seal ring are retained in the body of the fitting. Fittings have also been designed to minimise pipe twist as the nut is tightened (only applicable for 3G fittings).

HIGH PERFORMANCE

Fittings are made from advanced thermoplastic materials and are pressure rated to 1600 kpa. Built to withstand the toughest conditions to ensure longevity and durability, 3G Metric has a 50 year+ design life.

COMPLETE COVERAGE

The 3G Metric range is comprehensive and complies with AS/NZS 4129:2008. Philmac 3G metric is also Watermark approved and is WSAA appraised.

PHILMAC 3G INSTALLATION INSTRUCTIONS

SCAN THIS CODE WITH YOUR
SMARTPHONE TO SEE HOW EASY
IT IS TO INSTALL THE PHILMAC 3G
METRIC COMPRESSION FITTINGS



CUT PIPE SQUARE

Cut the pipe square. There is no need to prepare the pipe end. Chamfering or lubrication is not required.



READY TO USE POSITION

The fitting is pre-assembled and ready to use, however always ensure the nut is fully relaxed and 2 threads are showing before inserting the pipe.



PIPE INSERTION

Insert the pipe until the stop is felt.



NUT TIGHTENING

The nut should be tightened by hand and then firmly with a wrench. Tighten the nut all the way to the flange on the body of the fitting.



FULLY INSTALLED

The fitting is now fully installed.



DISASSEMBLY

To disassemble the fitting simply loosen the nut using a wrench until 2 threads are showing. Pipe will be released and can simply be pulled out of the fitting.

Note: Philmac recommends the use of PTFE tape on BSP threads to ensure a positive seal.

For more information:

0800 MARLEY (0800 627 539) www.marley.co.nz

Philmac®

The connection you can trust.

3G

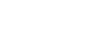
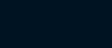
METRIC COMPRESSION FITTINGS

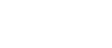
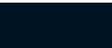
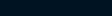
Fittings for polyethylene (PE)
pipe connections

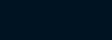


PHILMAC 3G AND METRIC POLYETHYLENE COMPRESSION FITTINGS

JOINER	CODE	SIZE
	MM301.20	20mm
	MM301.25	25mm
	MM301.32	32mm
	MM301.40	40mm
	MM301.50	50mm
	MM301.63	63mm
	MM301.75	75mm
	MM301.90	90mm
	MM301.110	110mm

MALE ADAPTOR	CODE	SIZE
	MM302.20.15	20 x 1/2 BSP
	MM302.20.20	20 x 3/4 BSP
	MM302.20.25	20 x 1 BSP
	MM302.25.15	25 x 1/2 BSP
	MM302.25.20	25 x 3/4 BSP
	MM302.25.25	25 x 1 BSP
	MM302.32.20	32 x 3/4 BSP
	MM302.32.25	32 x 1 BSP
	MM302.32.32	32 x 1 1/4 BSP
	MM302.32.40	32 x 1 1/2 BSP
	MM302.40.25	40 x 1 BSP
	MM302.40.32	40 x 1 1/4 BSP
	MM302.40.40	40 x 1 1/2 BSP
	MM302.40.50	40 x 2 BSP
	MM302.50.40	50 x 1 1/2 BSP
	MM302.50.50	50 x 2 BSP
	MM302.63.40	63 x 1 1/2 BSP
	MM302.63.50	63 x 2 BSP
	MM302.75.50	75 x 2 BSP
	MM302.75.75	75 x 3 BSP
	MM302.90.75	90 x 3 BSP
	MM302.110.100	110 x 4 BSP

FEMALE ADAPTOR	CODE	SIZE
	MM303.20.15	20 x 1/2 BSP
	MM303.20.20	20 x 3/4 BSP
	MM303.20.25	20 x 1 BSP
	MM303.25.15	25 x 1/2 BSP
	MM303.25.20	25 x 3/4 BSP
	MM303.25.25	25 x 1 BSP
	MM303.32.25	32 x 1 BSP
	MM303.32.32	32 x 1 1/4 BSP
	MM303.40.32	40 x 1 1/4 BSP
	MM303.40.40	40 x 1 1/2 BSP
	MM303.50.40	50 x 1 1/2 BSP
	MM303.50.50	50 x 2 BSP
	MM303.63.50	63 x 2 BSP
	MM303.75.50	75 x 2 BSP
	MM303.90.75	90 x 3 BSP
	MM303.110.100	110 x 4 BSP

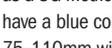
REDUCING JOINER	CODE	SIZE
	MM304.25.20	25 x 20 mm
	MM304.32.20	32 x 20 mm
	MM304.32.25	32 x 25 mm
	MM304.40.25	40 x 25 mm
	MM304.40.32	40 x 32 mm
	MM304.50.25	50 x 25 mm
	MM304.50.32	50 x 32 mm
	MM304.50.40	50 x 40 mm
	MM304.63.32	63 x 32 mm
	MM304.63.40	63 x 40 mm
	MM304.63.50	63 x 50 mm
	MM304.75.63	75 x 63 mm
	MM304.90.75	90 x 75 mm
	MM304.110.90	110 x 90 mm

TEE FEMALE THREAD	CODE	SIZE
	MM306.20.15	20 x 1/2 BSP
	MM306.20.20	20 x 3/4 BSP
	MM306.25.15	25 x 1/2 BSP
	MM306.25.20	25 x 3/4 BSP
	MM306.25.25	25 x 1 BSP
	MM306.32.20	32 x 3/4 BSP
	MM306.32.25	32 x 1 BSP
	MM306.32.32	32 x 1 1/4 BSP
	MM306.40.32	40 x 1 1/4 BSP
	MM306.40.40	40 x 1 1/2 BSP
	MM306.50.40	50 x 1 1/2 BSP
	MM306.50.50	50 x 2 BSP
	MM306.63.50	63 x 2 BSP
	MM306.75.50	75 x 2 BSP
	MM306.90.75	90 x 3 BSP
	MM306.110.100	110 x 4 BSP

TEE	CODE	SIZE
	MM305.20	20mm
	MM305.25	25mm
	MM305.32	32mm
	MM305.40	40mm
	MM305.50	50mm
	MM305.63	63mm
	MM305.75	75mm
	MM305.90	90mm
	MM305.110	110mm

REDUCING TEE	CODE	SIZE
	MM305.25.20	25 x 20 mm
	MM305.25.32	25 x 32 mm
	MM305.32.25	32 x 25 mm
	MM305.50.40	50 x 40 mm
	MM305.63.50	63 x 50 mm

ELBOW MALE THREAD	CODE	SIZE
	MM309.25	25 x 3/4 BSP
	MM309.32	32 x 1 BSP

ELBOW FEMALE THREAD	CODE	SIZE
	MM307.20.15	20 x 1/2 BSP
	MM307.20.20	20 x 3/4 BSP
	MM307.25.15	25 x 1/2 BSP
	MM307.25.20	25 x 3/4 BSP
	MM307.25.25	25 x 1 BSP
	MM307.32.25	32 x 1 BSP
	MM307.32.32	32 x 1 1/4 BSP
	MM307.40.32	40 x 1 1/4 BSP
	MM307.40.40	40 x 1 1/2 BSP
	MM307.50.40	50 x 1 1/2 BSP
	MM307.50.50	50 x 2 BSP
	MM307.63.50	63 x 2 BSP
	MM307.75.50	75 x 2 BSP
	MM307.90.75	90 x 3 BSP
	MM307.110.100	110 x 4 BSP

NOTE:
 Only 20-63mm may be supplied as a 3G Metric Fitting. 3G Fittings have a blue collet.
 75-110mm will be supplied as Marley Metric Fittings (shaded area).

PHILMAC 3G AND METRIC POLYETHYLENE COMPRESSION FITTINGS

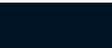
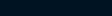
TAPPING SADDLES	CODE	SIZE
	MM325.25.20	25mm x 3/4 BSP
	MM325.32.20	32mm x 3/4 BSP
	MM325.32.25	32mm x 1 BSP
	MM325.40.20	40mm x 3/4 BSP
	MM325.40.25	40mm x 1 BSP
	MM325.50.20	50mm x 3/4 BSP
	MM325.50.25	50mm x 1 BSP
	MM325.63.20	63mm x 3/4 BSP
	MM325.63.25	63mm x 1 BSP
	MM325.63.40	63mm x 1 1/2 BSP
	MM325.75.20	75mm x 3/4 BSP
	MM325.75.25	75mm x 1 BSP
	MM325.75.40	75mm x 1 1/2 BSP
	MM325.75.50	75mm x 2 BSP
	MM325.90.25	90mm x 1 BSP
	MM325.90.40	90mm x 1 1/2 BSP
	MM325.90.50	90mm x 2 BSP
	MM325.110.25	110mm x 1 BSP
	MM325.110.40	110mm x 1 1/2 BSP
	MM325.110.50	110mm x 2" BSP

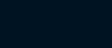
FLANGED ADAPTOR	CODE	SIZE
	MM311.50.50	50mm X 2"
	MM311.63.50	63mm X 2"
	MM311.90.75	90mm X 3"
	MM311.110.100	110mm X 4"

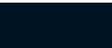
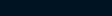
* Drill pattern AS2129 Table E

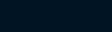
TEE MALE THREAD	CODE	SIZE
	MM346.25.15	25mm x 1/2 BSP
	MM346.25.20	25mm x 3/4 BSP

ELBOW 45°	CODE	SIZE
	MM347.20	20mm
	MM347.25	25mm
	MM347.32	32mm

ELBOW 90°	CODE	SIZE
	MM308.20	20mm
	MM308.25	25mm
	MM308.32	32mm
	MM308.40	40mm
	MM308.50	50mm
	MM308.63	63mm
	MM308.75	75mm
	MM308.90	90mm
	MM308.110	110mm

END CAP	CODE	SIZE
	MM310.20	20mm
	MM310.25	25mm
	MM310.32	32mm
	MM310.40	40mm
	MM310.50	50mm
	MM310.63	63mm
	MM310.75	75mm
	MM310.90	90mm
	MM310.110	110mm

SLIP COUPLING	CODE	SIZE
	MM301.20S	20mm
	MM301.25S	25mm
	MM301.32S	32mm
	MM301.40S	40mm
	MM301.50S	50mm
	MM301.63S	63mm

SLIP TEE	CODE	SIZE
	MM305.25S	25 mm
	MM305.32S	32 mm
	MM305.40S	40 mm
	MM305.50S	50 mm
	MM305.63S	63 mm

PIPE LINERS	CODE	SIZE
	MM342.20	20mm

METRIC SPANNERS	CODE	SIZE
	MM343.20.32	20-32 mm
	MM343.32.63	32-6