

Melbourne Hose AND FITTINGS



**COMPRESSED AIR COUPLINGS
& ADAPTOR RANGES**

2017

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Why use Safety Adaptors on compressed air hoses?

Compressed air is dangerous!

When you disconnect a hose from the source of supply such as portable air compressor or a wall outlet from a compressed air ring main, all the pressurised air contained in the hose itself ejects through a standard adaptor fitting.

This creates excessive noise at disconnection which is extremely harmful to our hearing. Also the violent exiting of the air through the fitting creates a hose whip which can be very harmful.

The safety adaptor is manufactured with a check valve in the body which allows full flow to pass through the fitting when there is a demand for air flow.

When a hose with the safety adaptor fitted is unplugged from the air source, the check valve is activated by the ejecting air and creates a substantial reduction in noise and potential hose whip. The safety adaptor then slowly and quietly vents the remaining pressure stored in the hose.

ALL Melbourne Hose fitted compressed air hose assemblies come with safety adaptors fitted as standard!



Safety adaptors are available for all the popular compressed air fitting types used in Australia. They are also available as an individual part to easily fit to any existing 10mm (3/8) I.D and 12.5mm (1/2) I.D. air hose to convert it into a safer hose.

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05 SERIES COMPRESSED AIR COUPLINGS AND ADAPTORS

APPLICATION

Where high volume Industrial quality compressed air connection is required.

One touch connection with out manual sleeve operation.

For use in trade and domestic applications.

Thread sealant applied to all male threads.

All adaptors and coupling body parts feature case hardened steel for durability and have a silver anti corrosive plating applied.

A safety "anti hose whip / low noise at disconnection" hose tail adaptor is available in this series.



PRODUCT CODE	FITTING DESCRIPTION	HOSE I.D.	THREAD SIZE	THREAD TYPE
M40-05-CT4	COUPLING 05 SERIES 6MM TAIL (Cejn Euro type)	6mm [1/4"]	-	-
M40-05-CT5	COUPLING 05 SERIES 8MM TAIL (Cejn Euro type)	8mm [5/16"]	-	-
M40-05-CT6	COUPLING 05 SERIES 10MM TAIL (Cejn Euro type)	10mm [3/8"]	-	-
M40-05-CT8	COUPLING 05 SERIES 12.5MM TAIL (Cejn Euro type)	12.5mm [1/2"]	-	-
M40-05-CF4	COUPLING 05 SERIES 1/4 BSP FEMALE (Cejn Euro type)	-	1/4	BSP FEMALE
M40-05-CF6	COUPLING 05 SERIES 3/8 BSP FEMALE (Cejn Euro type)	-	3/8	BSP FEMALE
M40-05-CF8	COUPLING 05 SERIES 1/2 BSP FEMALE (Cejn Euro type)	-	1/2	BSP FEMALE
M40-05-CM4	COUPLING 05 SERIES 1/4 BSP MALE (Cejn Euro type)	-	1/4	BSP TAPER MALE
M40-05-CM6	COUPLING 05 SERIES 3/8 BSP MALE (Cejn Euro type)	-	3/8	BSP TAPER MALE
M40-05-CM8	COUPLING 05 SERIES 1/2 BSP MALE (Cejn Euro type)	-	1/2	BSP TAPER MALE
M40-05-AT4	ADAPTOR 05 SERIES 6MM TAIL (Cejn Euro type)	6mm [1/4"]	-	-
M40-05-AT5	ADAPTOR 05 SERIES 8MM TAIL (Cejn Euro type)	8mm [5/16"]	-	-
M40-05-AT6	ADAPTOR 05 SERIES 10MM TAIL (Cejn Euro type)	10mm [3/8"]	-	-
M40-05-AT8	ADAPTOR 05 SERIES 12.5MM TAIL (Cejn Euro type)	12.5mm [1/2"]	-	-
M40-05-AF4	ADAPTOR 05 SERIES 1/4 BSP FEMALE (Cejn Euro type)	-	1/4	BSP FEMALE
M40-05-AF6	ADAPTOR 05 SERIES 3/8 BSP FEMALE (Cejn Euro type)	-	3/8	BSP FEMALE
M40-05-AF8	ADAPTOR 05 SERIES 1/2 BSP FEMALE (Cejn Euro type)	-	1/2	BSP FEMALE
M40-05-AM4	ADAPTOR 05 SERIES 1/4 BSP MALE (Cejn Euro type)	-	1/4	BSP TAPER MALE
M40-05-AM6	ADAPTOR 05 SERIES 3/8 BSP MALE (Cejn Euro type)	-	3/8	BSP TAPER MALE
M40-05-AM8	ADAPTOR 05 SERIES 1/2 BSP MALE (Cejn Euro type)	-	1/2	BSP TAPER MALE
M40-05-SAT6	SAFETY ADAPTOR 05 SERIES 10mm TAIL (Cejn Euro type)	10mm [3/8"]	-	-
M40-05-SAT8	SAFETY ADAPTOR 05 SERIES 12.5mm TAIL (Cejn Euro type)	12.5mm [1/2"]	-	-

CONSTRUCTION

Lower body	Anti corrosive coated case hardened steel
Top body	Anti corrosive coated case hardened steel
Sleeve	Anti corrosive coated case hardened steel
Valve	Brass
Springs	AISI 304 Stainless Steel
Retaining balls	Chrome Vanadium Steel
Seals	Nitrile (buna N)
Branding identification	MHF 05 series

WORKING PRESSURE Up to 300 PSI / 20 bar / 2.0 Mpa

TEMPERATURE RANGE -10°C to +80°C.

VOLUME OF AIR FLOW

60 cfm @ 100 psi (subject to variables)

MAINTENANCE

Lubricate moving parts occasionally and keep the mechanism free of contaminants like sand and dust.

INTERCHANGEABILITY

Cejn 320 series, Tema Rectus 25 series, Ryco 500 series, Sonsbeek 525, Jamec Pem 59 series Euro

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09 SERIES BREATHING AIR COUPLINGS AND ADAPTORS

APPLICATION

For use with air breathing hoses and apparatus.

Safety automatic lock on connection.

Concious twin action movement required for disconnection.

All adaptors are brass with nickel plating.

All components are brass or stainless steel.

Silver coloured nickel anti corrosive plating applied.



PRODUCT CODE	FITTING DESCRIPTION	HOSE I.D.	THREAD SIZE	THREAD TYPE
M40-09-CT5	COUPLING 09 SERIES 8MM TAIL (air breathing)	8mm (5/16")	-	-
M40-09-CT6	COUPLING 09 SERIES 10MM TAIL (air breathing)	10mm (3/8")	-	-
M40-09-CF4	COUPLING 09 SERIES 1/4 BSP FEMALE (air breathing)	-	1/4	BSP FEMALE
M40-09-CF6	COUPLING 09 SERIES 3/8 BSP FEMALE (air breathing)	-	3/8	BSP FEMALE
M40-09-CM4	COUPLING 09 SERIES 1/4 BSP MALE (air breathing)	-	1/4	BSP TAPER MALE
M40-09-CM6	COUPLING 09 SERIES 3/8 BSP MALE (air breathing)	-	3/8	BSP TAPER MALE
M40-09-AT5	ADAPTOR 09 SERIES 8MM TAIL (air breathing)	8mm (5/16")	-	-
M40-09-AT6	ADAPTOR 09 SERIES 10MM TAIL (air breathing)	10mm (3/8")	-	-
M40-09-AF4	ADAPTOR 09 SERIES 1/4 BSP FEMALE (air breathing)	-	1/4	BSP FEMALE
M40-09-AF6	ADAPTOR 09 SERIES 3/8 BSP FEMALE (air breathing)	-	3/8	BSP FEMALE
M40-09-AM4	ADAPTOR 09 SERIES 1/4 BSP MALE (air breathing)	-	1/4	BSP TAPER MALE
M40-09-AM6	ADAPTOR 09 SERIES 3/8 BSP MALE (air breathing)	-	3/8	BSP TAPER MALE
M40-09-SAT6	SAFETY ADAPTOR 09 SERIES 10mm TAIL (air breathing)	10mm (3/8")		

CONSTRUCTION

Lower body	Brass
Top body	Brass
Sleeve	Brass
Valve	Brass
Springs	AISI 304 stainless steel
Retaining balls	AISI 316 stainless steel
Seals	Viton
Branding identification	MHF 09 series

WORKING PRESSURE Up to 300 PSI / 20 bar / 2.0 Mpa

TEMPERATURE RANGE -10°C to +80°C.

VOLUME OF AIR FLOW

60 cfm @ 100 psi (subject to variables)

MAINTENANCE

Dry air application, keep the mechanism free of contaminants like sand and dust.

INTERCHANGEABILITY

Cejn 342/344 series, Tema Rectus 95/96 series, Parker CJ series