

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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O2 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
M40-02-CT4	COUPLING O2 SERIES 6MM TAIL (Ryco type)	6mm [1/4"]	-	-
M40-02-CT5	COUPLING O2 SERIES 8MM TAIL (Ryco type)	8mm [5/16"]	-	-
M40-02-CT6	COUPLING O2 SERIES 10MM TAIL (Ryco type)	10mm [3/8"]	-	-
M40-02-CT8	COUPLING O2 SERIES 12.5MM TAIL (Ryco type)	12.5mm [1/2"]	-	-
M40-02-CF4	COUPLING O2 SERIES 1/4 BSP FEMALE (Ryco type)	-	1/4	BSP FEMALE
M40-02-CF6	COUPLING O2 SERIES 3/8 BSP FEMALE (Ryco type)	-	3/8	BSP FEMALE
M40-02-CF8	COUPLING O2 SERIES 1/2 BSP FEMALE (Ryco type)	-	1/2	BSP FEMALE
M40-02-CM4	COUPLING O2 SERIES 1/4 BSP MALE (Ryco type)	-	1/4	BSP TAPER MALE
M40-02-CM6	COUPLING O2 SERIES 3/8 BSP MALE (Ryco type)	-	3/8	BSP TAPER MALE
M40-02-CM8	COUPLING O2 SERIES 1/2 BSP MALE (Ryco type)	-	1/2	BSP TAPER MALE
M40-02-AT4	ADAPTOR O2 SERIES 6MM TAIL (Ryco type)	6mm [1/4"]	-	-
M40-02-AT5	ADAPTOR O2 SERIES 8MM TAIL (Ryco type)	8mm [5/16"]	-	-
M40-02-AT6	ADAPTOR O2 SERIES 10MM TAIL (Ryco type)	10mm [3/8"]	-	-
M40-02-AT8	ADAPTOR O2 SERIES 12.5MM TAIL (Ryco type)	12.5mm [1/2"]	-	-
M40-02-AF4	ADAPTOR O2 SERIES 1/4 BSP FEMALE (Ryco type)	-	1/4	BSP FEMALE
M40-02-AF6	ADAPTOR O2 SERIES 3/8 BSP FEMALE (Ryco type)	-	3/8	BSP FEMALE
M40-02-AF8	ADAPTOR O2 SERIES 1/2 BSP FEMALE (Ryco type)	-	1/2	BSP FEMALE
M40-02-AM4	ADAPTOR O2 SERIES 1/4 BSP MALE (Ryco type)	-	1/4	BSP TAPER MALE
M40-02-AM6	ADAPTOR O2 SERIES 3/8 BSP MALE (Ryco type)	-	3/8	BSP TAPER MALE
M40-02-AM8	ADAPTOR O2 SERIES 1/2 BSP MALE (Ryco type)	-	1/2	BSP TAPER MALE
M40-02-SAT6	SAFETY ADAPTOR O2 SERIES 10mm TAIL (Ryco type)	10mm [3/8"]	-	-
M40-02-SAT8	SAFETY ADAPTOR O2 SERIES 12.5mm TAIL (Ryco 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	Zinc Plated Cast Alloy with Brass Inner
Springs	AISI 304 Stainless Steel
Retaining balls	Chrome Vanadium Steel
Seals	Nitrile (buna N)
Branding identification	MHF O2 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

Ryco 200 & 290 series, Jamec Pem F900 & Pem Auto series, Sonsbeek 253 series, 1/4 US Industrial

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04 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
M40-04-CT4	COUPLING 04 SERIES 6MM TAIL (Nitto type)	6mm [1/4"]	-	-
M40-04-CT5	COUPLING 04 SERIES 8MM TAIL (Nitto type)	8mm [5/16"]	-	-
M40-04-CT6	COUPLING 04 SERIES 10MM TAIL (Nitto type)	10mm [3/8"]	-	-
M40-04-CT8	COUPLING 04 SERIES 12.5MM TAIL (Nitto type)	12.5mm [1/2"]	-	-
M40-04-CF4	COUPLING 04 SERIES 1/4 BSP FEMALE (Nitto type)	-	1/4	BSP FEMALE
M40-04-CF6	COUPLING 04 SERIES 3/8 BSP FEMALE (Nitto type)	-	3/8	BSP FEMALE
M40-04-CF8	COUPLING 04 SERIES 1/2 BSP FEMALE (Nitto type)	-	1/2	BSP FEMALE
M40-04-CM4	COUPLING 04 SERIES 1/4 BSP MALE (Nitto type)	-	1/4	BSP TAPER MALE
M40-04-CM6	COUPLING 04 SERIES 3/8 BSP MALE (Nitto type)	-	3/8	BSP TAPER MALE
M40-04-CM8	COUPLING 04 SERIES 1/2 BSP MALE (Nitto type)	-	1/2	BSP TAPER MALE
M40-04-AT4	ADAPTOR 04 SERIES 6MM TAIL (Nitto type)	6mm [1/4"]	-	-
M40-04-AT5	ADAPTOR 04 SERIES 8MM TAIL (Nitto type)	8mm [5/16"]	-	-
M40-04-AT6	ADAPTOR 04 SERIES 10MM TAIL (Nitto type)	10mm [3/8"]	-	-
M40-04-AT8	ADAPTOR 04 SERIES 12.5MM TAIL (Nitto type)	12.5mm [1/2"]	-	-
M40-04-AF4	ADAPTOR 04 SERIES 1/4 BSP FEMALE (Nitto type)	-	1/4	BSP FEMALE
M40-04-AF6	ADAPTOR 04 SERIES 3/8 BSP FEMALE (Nitto type)	-	3/8	BSP FEMALE
M40-04-AF8	ADAPTOR 04 SERIES 1/2 BSP FEMALE (Nitto type)	-	1/2	BSP FEMALE
M40-04-AM4	ADAPTOR 04 SERIES 1/4 BSP MALE (Nitto type)	-	1/4	BSP TAPER MALE
M40-04-AM6	ADAPTOR 04 SERIES 3/8 BSP MALE (Nitto type)	-	3/8	BSP TAPER MALE
M40-04-AM8	ADAPTOR 04 SERIES 1/2 BSP MALE (Nitto type)	-	1/2	BSP TAPER MALE
M40-04-SAT6	SAFETY ADAPTOR 04 SERIES 10mm TAIL (Nitto type)	10mm [3/8"]	-	-
M40-04-SAT8	SAFETY ADAPTOR 04 SERIES 12.5mm TAIL (Nitto 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	Steel with Brass Seat
Springs	AISI 304 Stainless Steel
Retaining balls	Chrome Vanadium Steel
Seals	Nitrile (buna N)
Branding identification	MHF 04 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

Nitto Kohki Hi Cupla & 200 series, Jamec Pem HV & one touch series, Sonsbeek 400 series, Cejn 315 series, Ryco 400 series, and more.