

MILLER HOSE COUPLING SET – MALE X FEMALE

Lever Lock Coupling Set · Galvanised Steel

SKU: SW-0074

BRAND: SW FLOW CONTROLS

SIZE 1" TO 4"

LEVER COUPLING

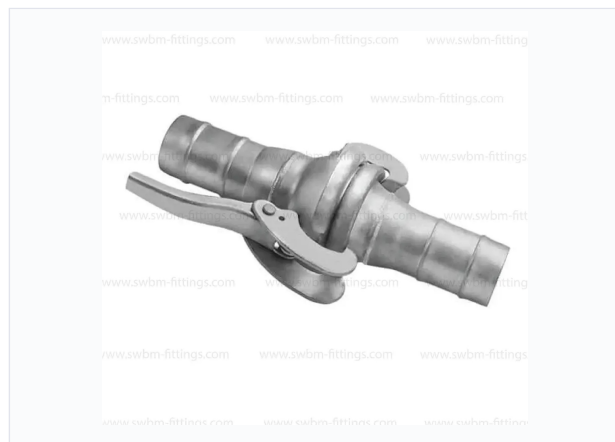


FIG. 1 | MILLER TYPE COUPLING SET, MALE AND FEMALE HALVES

PRODUCT OVERVIEW

The SWBM Miller type coupling set makes a quick connect joint on water, slurry and dewatering hose. The male half seats into the female half and a single cam lever locks the pair together onto a rubber seal, so the line can be made or broken by hand.

The set is supplied as a matched pair with serrated hose tails. Both halves are cast and hot dip galvanised for site durability in wet and abrasive conditions.

Fitting type	Lever lock hose coupling set
Function	Quick connect joint for water and slurry hose
Material	Steel, hot dip galvanised
End connection	One male half, one female half
Coupling family	Lever Coupling
Size range	1" to 4"

TECHNICAL SPECIFICATION

Coupling type	Miller type, cam lever	Working pressure	10 bar (145 psi) nominal
Material	Steel, galvanised	Temperature range	-20°C to +80°C nominal
Finish	Hot dip galvanised	Supply	Matched male and female set
Seal	Rubber sealing ring, replaceable	Interchange	Mate only with the same make and type
Locking	Cam lever	Inspection	Visual and dimensional before despatch
Ends	Hose tail or threaded, to order	Certification	Material certificate on request



PRODUCT DATA SHEET

MILLER HOSE COUPLING SET – MALE X FEMALE

Ref. SW-0074 | Rev. 01

BILL OF MATERIALS

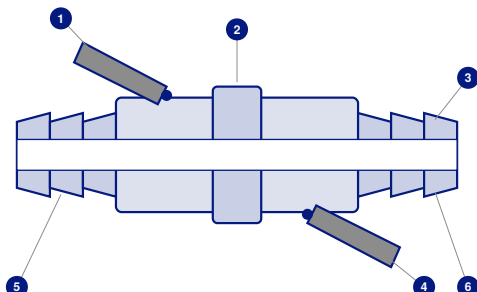


FIG. 2 | SECTIONAL ARRANGEMENT

#	FEATURE	DESCRIPTION
1	Male half	Cast body with sealing shoulder
2	Female half	Cast body with seal recess
3	Cam lever	Locks the joint closed
4	Sealing ring	Rubber seal in the female half
5	Hose tails	Serrated, one on each half
6	Galvanised coating	Hot dip zinc, inside and out

Supplied as a matched set with the seal fitted. Replacement seals are stocked separately.

DIMENSIONS AND WEIGHTS

SIZE	DN	NOMINAL HOSE ID (MM)	SET CONTENTS
1"	25	25	Male half and female half
1.1/4"	32	32	Male half and female half
1.1/2"	40	38	Male half and female half
2"	50	51	Male half and female half
2.1/2"	65	64	Male half and female half
3"	80	76	Male half and female half
4"	100	102	Male half and female half

Miller type couplings are ordered by nominal size and by hose tail or threaded end. Face dimensions and lever geometry vary between makes, so a Miller coupling should be mated with the same make. Sizes are the nominal designation used for ordering. Body dimensions for this type of coupling are to manufacturer standard and vary between makes, so they are not stated here. Certified drawings and weights for the make supplied are issued on request.

ORDERING INFORMATION

FIELD	OPTIONS
Product code	SW-0074
Size	1", 1.1/4", 1.1/2", 2", 2.1/2", 3", 4"
Thread	BSPT or NPT, as ordered
Material	Steel, hot dip galvanised
Order example	SW-0074 / 2" / HOSE TAIL / GALVANISED

Stock held in Dubai for fast despatch across the UAE and GCC. Contact our sales desk for pricing, availability, project quantities and certification requirements.



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PRESSURE AND TEMPERATURE

Compressed air	16 bar (232 psi) nominal, non-shock
Water and general service	16 bar (232 psi) nominal at ambient
Temperature range	-20°C to +100°C nominal
Service	Clean, non-corrosive and abrasive media

Pressure and temperature figures are nominal values typical of this class of hose fitting and are not published on the product page. The safe working pressure of a hose assembly is set by the weakest component, usually the hose or the clamp. Confirm the rating with SWBM before the assembly is used on compressed air.

TYPICAL APPLICATIONS

- Compressed air lines on site and in workshops
- Water transfer, dewatering and washdown hoses
- Concrete, plaster and shotcrete delivery lines
- Fuel and lubricating oil transfer
- Irrigation and agricultural pumping
- General plant, quarry and construction hose service

COMPLIANCE AND QUALITY

- Body hot dip galvanised for corrosion protection
- Taper external threads to ISO 7-1 / BS 21
- NPT threads to ASME B1.20.1 available to order
- Serrated hose tails for positive grip under clamping
- Visual and dimensional inspection prior to despatch
- Material test certificate available on request

INSTALLATION AND OPERATION

- Match the coupling to the hose bore, never force an oversize tail
- Push the hose fully home over the serrations before clamping
- Use two clamps per tail on compressed air and abrasive service
- Fit a whip check or safety cable across every air hose joint
- Depressurise the line completely before breaking any coupling
- Inspect seals and serrations before each shift and replace if worn

COMPANY

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The information in this data sheet is provided in good faith and is believed to be accurate at the date of issue. Dimensions, weights and ratings are nominal and may vary with the manufacturer and production batch. It remains the responsibility of the purchaser to confirm that the product is suitable for the intended service conditions. Sunel Wala Building Materials Trading Co. LLC reserves the right to amend specifications without prior notice. This document does not form part of any contract of sale.