

GALVANISED STEEL HOSE MENDER

Double Ended Hose Tail · Galvanised Steel

SKU: SW-0079

BRAND: SW FLOW CONTROLS

SIZE 1/4" TO 2.1/2"

HOSE MENDER



FIG. 1 | HOSE MENDER, SERRATED BOTH ENDS

PRODUCT OVERVIEW

The SWBM Hose Mender rejoins two cut hose ends without a threaded joint. It is the standard site repair for a burst or damaged length, and is also used to build a longer run from two shorter hoses.

Both ends are serrated and each hose is secured with a clamp. The body is machined from steel and hot dip galvanised for corrosion protection in wet and buried service.

Fitting type	Hose mender, double hose tail
Function	Rejoins two cut hose ends
Material	Steel, hot dip galvanised
End connection	Serrated hose tail, both ends
Coupling family	Hose Mender
Size range	1/4" to 2.1/2"

TECHNICAL SPECIFICATION

Material	Steel or malleable iron, galvanised	Working pressure	16 bar (232 psi) nominal
Finish	Hot dip galvanised	Temperature range	-20°C to +100°C nominal
Body form	Plain centre land	Hose retention	Serrated tail, clamp or ferrule
Threads (BSPT)	ISO 7-1 / BS 21	Seal	Not applicable, sealed on thread or by clamp
Threads (NPT)	ASME B1.20.1	Inspection	Visual and dimensional before despatch
Ends	Serrated hose tail, both ends	Certification	Material certificate on request



PRODUCT DATA SHEET

GALVANISED STEEL HOSE MENDER

Ref. SW-0079 | Rev. 01

BILL OF MATERIALS

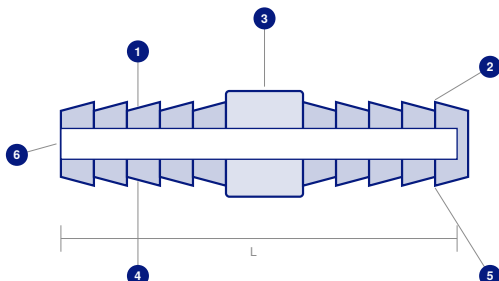


FIG. 2 | SECTIONAL ARRANGEMENT

#	FEATURE	DESCRIPTION
1	Serrated tail, end 1	Multiple barbs for grip under clamping
2	Serrated tail, end 2	Multiple barbs for grip under clamping
3	Centre land	Plain band marking the insertion depth
4	Full bore	Straight waterway through the mender
5	Tail lead-in	Chamfered nose at each end
6	Galvanised coating	Hot dip zinc, inside and out

One piece fitting. Each hose end must be secured with its own clamp, and two clamps per end are recommended on compressed air and abrasive service.

DIMENSIONS AND WEIGHTS

SIZE	NOMINAL HOSE ID (MM)	ENDS	BODY
1/4"	6	Serrated tail x 2	Galvanised steel
3/8"	10	Serrated tail x 2	Galvanised steel
1/2"	13	Serrated tail x 2	Galvanised steel
3/4"	19	Serrated tail x 2	Galvanised steel
1"	25	Serrated tail x 2	Galvanised steel
1.1/4"	32	Serrated tail x 2	Galvanised steel
1.1/2"	38	Serrated tail x 2	Galvanised steel
2"	51	Serrated tail x 2	Galvanised steel
2.1/2"	64	Serrated tail x 2	Galvanised steel

Menders are ordered by hose bore. Both ends are the same size unless a stepped mender is requested. Overall length is to manufacturer standard and is not stated here.

ORDERING INFORMATION

FIELD	OPTIONS
Product code	SW-0079
Size	1/4", 3/8", 1/2", 3/4", 1", 1.1/4", 1.1/2", 2", 2.1/2"
Thread	BSPT or NPT, as ordered
Material	Steel, hot dip galvanised
Order example	SW-0079 / 1" / 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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