



WHIP CHECK SAFETY CABLE

Hose to Hose Safety Cable · Galvanised Steel

SKU: SWBM-003

BRAND: SW FLOW CONTROLS

HOSE OD TO SUIT

SAFETY CABLE



FIG. 1 | WHIP CHECK SAFETY CABLE, TWO LOOP

PRODUCT OVERVIEW

The SWBM Whip Check is a spring loaded steel cable fitted across a hose joint. If the coupling parts or the hose bursts, the cable holds the two ends together and stops the loose hose whipping under pressure. It is a required safety item on almost every compressed air line.

Each end is a spring loop that grips the hose behind the coupling. The cable is galvanised and is fitted in seconds without tools, which means there is no reason to run an air hose without one.

Fitting type	Whip check safety cable
Function	Restrains a hose if a coupling fails
Material	Steel cable, galvanised
End connection	Two spring loops
Coupling family	Safety Cable
Size range	To suit hose outside diameter to hose to hose and hose to tool

TECHNICAL SPECIFICATION

Type	Whip check safety cable	Configurations	Hose to hose, hose to tool, hose to fixed point
Material	Galvanised steel cable	Function	Restraint only, not a lifting device
Springs	Coiled steel loops, galvanised	Temperature range	-20°C to +100°C nominal
Terminations	Swaged ferrules	Reusable	Yes, subject to inspection
Fitting	By hand, no tools	Inspection	Before each shift
Selection	By hose outside diameter	Replacement	After any incident under load

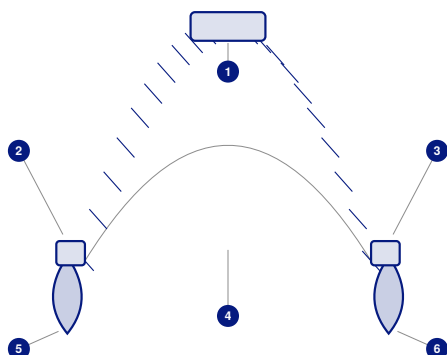
BILL OF MATERIALS


FIG. 2 | SECTIONAL ARRANGEMENT

#	FEATURE	DESCRIPTION
1	Steel cable	Galvanised wire rope core
2	Spring loop, end 1	Grips the hose behind the coupling
3	Spring loop, end 2	Grips the hose behind the coupling
4	Centre ferrule	Swaged sleeve joining the two legs
5	End ferrules	Swaged terminations at each loop
6	Galvanised finish	Corrosion protection on cable and springs

Supplied assembled and ready to fit. A whip check is a consumable safety item and should be replaced rather than repaired.

DIMENSIONS AND WEIGHTS

TYPE	APPLICATION	ENDS	MATERIAL
Hose to hose	Across a hose to hose coupling	Two spring loops	Galvanised steel
Hose to tool	Between hose and pneumatic tool	Loop and tail	Galvanised steel
Hose to fixed point	Hose to compressor or manifold	Loop and eye	Galvanised steel

Whip checks are selected by the outside diameter of the hose, so send the measured hose OD with the enquiry. Loop sizes, cable diameter and overall length are to manufacturer standard and are not stated here. A whip check is a restraint, not a lifting or anchoring device.

ORDERING INFORMATION

FIELD	OPTIONS
Product code	SWBM-003
Size	To suit hose outside diameter, hose to hose and hose to tool
Thread	Not applicable
Material	Galvanised steel cable and springs
Order example	SWBM-003 / HOSE TO HOSE / 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.



PRESSURE AND TEMPERATURE

Service	Safety restraint, not a pressure part
Working pressure	Not applicable
Temperature range	-20°C to +100°C nominal
Duty	Restrains a hose after a coupling failure

A whip check carries no pressure rating. It is a restraint fitted so that a failed joint cannot become a projectile, and it does not extend the rating of the hose or the coupling.

TYPICAL APPLICATIONS

- Compressed air hose joints on site
- Pneumatic tool connections
- Sandblasting and shotcrete hose lines
- Compressor and receiver outlets
- Quarry, mining and tunnelling air lines
- Any hose joint where a failure would endanger people

COMPLIANCE AND QUALITY

- Fitted across every compressed air hose joint as standard practice
- Restrains the hose if a coupling parts or a hose bursts
- Galvanised steel cable and springs
- Swaged terminations, no field assembly required
- Fitted and removed by hand, no tools needed
- Inspect before each shift and replace if a strand is broken

INSTALLATION AND OPERATION

- Fit a whip check across every compressed air hose joint, without exception
- Stretch each spring loop over the hose and let it seat behind the coupling
- Position the loops so the cable is not slack across the joint
- Never use a whip check to lift, anchor or tow anything
- Inspect for broken strands, corrosion and stretched springs before each shift
- Replace the cable after any incident where it has taken a load

COMPANY

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