

# Whipcheck Safety Cable

*A positive safeguard for air hose connections*

*TIS Safety Cable helps you meet today's safety standards*



## Features:

- must be installed in the extended position (no slack) 
- cable reaches across hose fittings to provide standby safety for hose
- spring-loaded loops in the cable ends open easily to pass over the couplings for a firm grip on the hose
- no tools needed - easy to install and remove
- cables shipped with safety restraint labels attached
- highly resistant to rust and corrosion
- low cost answer to eliminating injuries caused by broken air hose connections
- hose-to-hose or hose-to-rigid outlet
- maximum operating pressure: **200 PSI**
- When hose, couplings or clamps fail, or there is an accidental separation of the assembly, King safety cables minimize damage to equipment and injuries to operators. A positive safeguard for air hose connections - helping you meet today's safety standards.



## Correct Installation

TIS Safety Cable installed in the extended position (no slack).



## Incorrect Installation

TIS Safety Cable is not installed in the extended position (too much slack).

When a pressurized air hose becomes accidentally uncoupled, or a hose failure occurs, the quick exhaust of air causes the hose assembly to whip violently, creating a potentially dangerous situation.

*TIS Safety Cables* prevent hose whip in the event of the accidental separation of a coupling or clamp. The steel cables span the hose fittings to provide standby safety for the hose. Spring-loaded loops in the cable ends are easily opened to pass over the couplings and provide a firm grip on the hose.

The cables can be used in hose to hose installations, as well as hose to rigid outlet, or tool.

On hose to hose applications the *TIS Safety Cable* should be installed on the hose portion of the assembly in a fully extended position. When used on hose to rigid outlet, or tool, the spring loaded end should be over the hose, while the choker end is installed on the outlet, or tool.

*TIS Safety Cable should always be installed in a fully extended position.*

## Style WSR - hose-to-tool service



Hose ID	Cable	Length	Maximum Working Pressure (PSI)	Steel Part #	Stainless Steel Part #
1/2" - 1 1/4"	1/8"	20 1/4"	200	<b>WSR1</b>	<b>WSR1SS</b>
1/2" - 2"	3/16"	28"	200	<b>WSR3</b>	---
1 1/2" - 3"	1/4"	38"	200	<b>WSR2</b>	<b>WSR2SS</b>
4"	3/8"	44"	200	<b>WSR4</b>	---

## Style W - hose-to-hose service



Hose ID	Cable	Length	Maximum Working Pressure (PSI)	Steel Part #	Stainless Steel Part #
1/2" - 1 1/4"	1/8"	20 1/4"	200	<b>WB1</b>	<b>WB1SS</b>
1/2" - 2"	3/16"	28"	200	<b>WB3</b>	---
1 1/2" - 3"	1/4"	38"	200	<b>WA2</b>	<b>WA2SS</b>
4"	3/8"	44"	200	<b>WA4</b>	---

Note: Cables are shipped with safety restraint labels attached. Labels are not pictured.

## TIS Safety Cable Options



**WSR1E**  
WSR1 with Stainless Steel marine eye

**WB1C**  
WB1 with safety clip and lanyard

Hose ID	Cable	Part #	Description	Max. Work. Press. PSI
1/2" - 1 1/4"	1/8"	<b>WSR1C</b>	WSR1 with safety clip and lanyard used to lock Air King couplings	200
1/2" - 1 1/4"	1/8"	<b>WB1C</b>	WB1 with safety clip and lanyard used to lock Air King couplings	200
1/2" - 1 1/4"	1/8"	<b>WSR1E</b>	WSR1 with stainless steel safety marine eye used to connect safety cable to a bolt on tool	200
1 1/2" - 3"	1/4"	<b>WA2B</b>	WA2 with bronze/copper ferrule for special environmental conditions	200

\* Custom ID options available. Consult factory for details.

## Hose Coupling Safety

TIS couplings and retention devices are designed to work safely for their intended use. The selection of the proper hose, coupling and retention device, and the proper application of the coupling to the hose are of utmost importance.

Users must consider the size, temperature, application, media, pressure and hose and coupling manufacturer's recommendations when selecting the proper hose assembly components. TIS recommends that all hose assemblies be tested in accordance with the Association for Rubber Products Manufacturer's (ARPM) recommendations and be inspected regularly (before each use) to ensure that they are not damaged or have become loose. Visit [ARPMINC.com](http://ARPMINC.com) for more information.

Where safety devices are integral to the coupling, they must be working and utilized. The use of supplementary safety devices such as safety clips or safety cables are recommended.

If any problem is detected, couplings must be removed from service immediately.

TIS is available to consult, train and recommend the proper selection and application of all fittings we sell.

