

# FLEXEND

Vibration reduction

**Reducing damage to airseeder hose  
and spreader heads**

*Also saving you time and money on kinked or cracked hoses during seeding*



*In this photo you can see some bent FLEXENDS. This is showing the bar in transport mode with the tines lifted fully. When the tines are dropped in operation mode, the FLEXENDS are perfectly straight.*

# What is the FLEXEND for? How to assemble your FLEXEND

As you would well know, there is a lot of vibration on the airseeder hose during seeding.

The vibration has to be absorbed somewhere and it is either the spreader head or the boot.

Both of these are firmly fixed so the hose just takes all the vibration and shaking which over time makes it crack or kink. (the U.V. also helps)

This then leads to blocked hoses which means you will have unseeded or unfertilised rows or cracked hoses and this means you will have lost seed or fertiliser.

The FLEXEND helps reduce the vibration of the hose and reduces the chances of the hose blocking or being damaged.

The FLEXEND is made from a very high wear, high flex, and high UV plastic that is expected to outlast your airseeder hose.

Call your local dealer today or make contact with the distributors on the back to find the nearest stockist.

1) Ensure you preload all the STAINLESS STEEL clamps onto the FLEXEND BEFORE you tighten any of them onto the head. Also, make sure all the clamps are loaded on the same direction so it makes for a uniform and easier tightening system.

2) Slide the FLEXEND onto the head. There is 3 points to be aware of in this step.

A) Leave a 15mm gap between the rim of the head and the FLEXEND. (This allows enough room for the cap to be installed and removed.)

B) Ensure the end splits are on top. (You can see how tight the clamps are.)

C) And when tightening the worm drive, the head needs to be on top, as shown in the picture (This will minimise the dirt and debris build up on top of the clamp and easy access after installation.)

3) Finally the twist test. Try to turn the airseeder hose and see if the clamps are tight enough. A ¼ turn is enough. The FLEXEND should twist with the hose.



For installation instructions please turn over.

## Using the FLEXEND for a joiner

The FLEXEND has another use for the seeder bar. Often the hose can split, crack or kink due to the cold weather making the hose very stiff and brittle.

You can now cut the split, crack or kink out and replace it with a FLEXEND very quickly in the field.

Keep a couple in the cab and it can be done very quickly with minimal tools and down time and no loss of seed or unsown rows.

In the photos below you can see a before and after photo of the hoses kinked when the wings are folded.

Once the airseeder hose is kinked it is very hard to get it round again. The FLEXENDS will return to nearly perfect circle again.

# FLE FOLD

KINK REDUCTION IN PRIMARY SUPPLY HOSES

## Replace damaged primary supply hoses efficiently

### What is FLE FOLD ?

FLEXFOLD is a new high wearing plastic moulded tube to replace the kinks and worn out sections on the primary supply rubber hose on a seeding bar.

FLEXFOLD's are designed to keep the inside of the tube kink free and smooth when the wings are unfolded. They are designed to go back to as close as possible to their original tubular shape.

FLEXFOLD's can also be used to join stainless steel tube and be used as a vibration reduction system like the FLEXEND product.

In the pictures below you can see the FLEXFOLD fitted to a 90 foot seeding bar with triple fold wings. This is an extreme example as most seeding bars only fold to about 90 degrees with double folds.

FLEXFOLDS installed so the tubing is straight and with no bends in the rubber hose.



Wing folded to 90 degrees.  
Most common installation.



Wing folded 180 degrees  
(very uncommon)

## Installing the FLEXFOLD

**STEP 1** - Ensure the seeding bar is fully extended and in operational position. Cut out the kink in the rubber hose so the FLEXFOLD will be centrally placed on the pivot point.

**STEP 2** - There is often 2 ways that the primary supply rubber hose has been installed.

- 1) With the rubber hose so it runs perfectly through the pivot point. (which is the best option for FLEXFOLD)
- 2) With the rubber hose doing a deep loop under the pivot point. This reduces the kinking in the rubber hose when originally installed but it does not stop the hose from wearing as the inside is damaged. In the picture below you can see the front FLEXFOLD runs directly through the pivot point and it stays kinked with one kink point when folded.

**STEP 3** - Insert the 2 stainless steel joiners into the FLEXFOLD and tighten them with hose clamps. (T-Clamps preferred)

**STEP 4** - Insert the remaining length of joiners into the hoses and leave the clamps loose for a trial run.

**STEP 5** - Operate the wings and ensure the FLEXFOLD's are not being stretched too much and see if the FLEXFOLD's have remained joined.

**STEP 6** - If you are happy that the FLEXFOLD is centralised and running through the centre of the pivot point then tighten all clamps.



## Using the FLEXFOLD

FLEXFOLD was designed and developed due to the frustration of wearing rubber hoses on the bends and the pivot points during seeding.

The folding and unfolding of the wings causes the rubber hoses to kink and this makes it an immediate wear point that cannot be fixed.

You can now put away your gaffer tape and rolling out heavy hoses in the cold or the middle of the night.

Keep a couple of FLEXFOLDS in the cabin of your Ute or tractor for the time when you discover you have been spreading seed and fertiliser all over the paddock and not into the ground.

**\*FLEXFOLD recommends that you use T-bolt type clamps.**

**\*The FLEXFOLD might become a little ovalated if the seeding bar is stored with the wings folded up for long periods and the FLEXFOLDS are kinked. When the seeding bar is required, we recommend to fold down and leave in the sun for a while to help the FLEXFOLD regain its shape.**

**\*It is recommended to disconnect all FLEXFOLDS when machinery is in storage.**

Your closest stockist is:

