

## Dust Containment Combination | The Essential Seal

Transform high risk spillage transfer points into productive, efficient clean workspaces – securing your conveyed material with absolute certainty as well as creating a safe workspace.

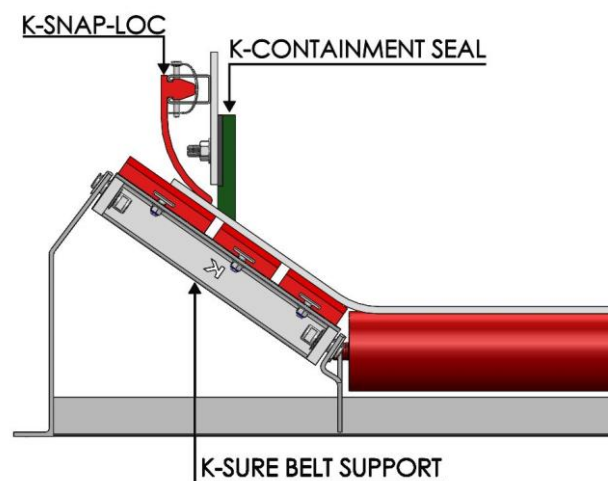
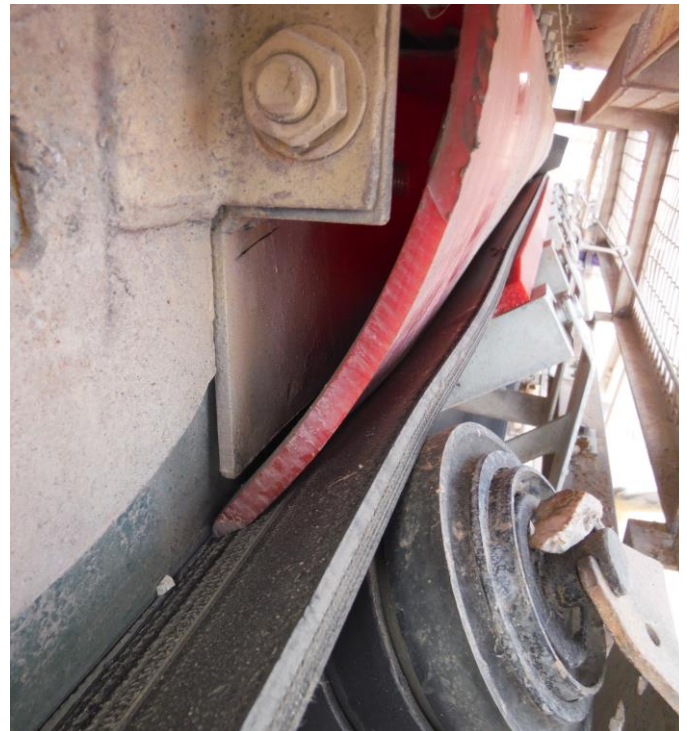
The spread of airborne dust particles around the high pressure transfer point areas quickly results in an accumulation of maintenance and clean-up costs.

To resolve this problem, Kinder Australia recommends a system that combines a specific range of conveyor componentry to eliminate the problem.

Firstly the problem of belt sag where there are too few idlers installed at the loading point needs to be resolved. A low friction support system under the belt will correct this. **K-Sure Belt Support System** provides a consistent and stable support for the troughed belt profile, utilising low friction polymer slider rails which also eliminate any moving parts and their associated ongoing maintenance.

K-Sure Belt Support's universal adaptor brackets allow a retro fit to the existing frames.

Once the problem of belt sag is stabilised, the use of skirting is recommended in order to minimise the risk of material spillage over the belt edge.



## Dust Containment Combination | The Essential Seal

**K-Snap-Loc Dust Seal** is an engineered option that is suitable for use in a wide variety of applications. It is made from a high performance polyurethane which can withstand even the most highly abrasive applications. (High temperature formulas available.)

It offers 2 unique key benefits:

### 1. Quick and efficient installation

It has a unique bulb-shaped design which installs into most conveyor systems, utilising a Uni-Strut mount welded to your existing system. Then it snaps into place. The K-Snap-Loc's engineered polyurethane lasts 8-10 times longer than rubber, and when it does need to be replaced its design makes it simple to manoeuvre with minimal labour resources required.

### 1. Minimal ongoing maintenance

The polyurethane's inherent "memory-set" is used to apply downward pressure onto the belt's surface

to create a fine tight seal, so there is no need for manual adjustment. This pressure stays "buoyant" and makes light contact with the belt's surface, avoiding any risk of wear damage to the belt.

Because of the low coefficient of friction there is a power saving by producing 60% less drag on the conveyor belt than traditional skirting rubber.

Finally, for a perfect seal combine with an inner chute seal. **The K-Containment Seal** enhances the success of the outer seal by reducing the high internal pressure experienced inside the chute and protects the vulnerable chute edges from damage.

K-Containment Seal is also an engineered polyurethane system and offers exceptional resistance to wear. The slotted arrangement allows for installation adjustment to ensure that material and fines cannot be trapped and so reducing the risk of premature belt damage.

