

K-Flexal® Elastic Belt Support System

High Performance Elastic Belt Support System

Suitable for belt widths 500mm to 2.0m



K-Flexal® Elastic Belt Support System consists of cross belt polyurethane elastic straps, with its flexibility and elongation design feature allowing better absorption of energy and even weight dispersion of the conveyed bulk material.

K-Flexal® Elastic Belt Support polyurethane straps are supported by a metal framework **adjustable** in all 3 dimensions designed to fit the system to every trough angle ranging from 20 to 70°.

Key Features:

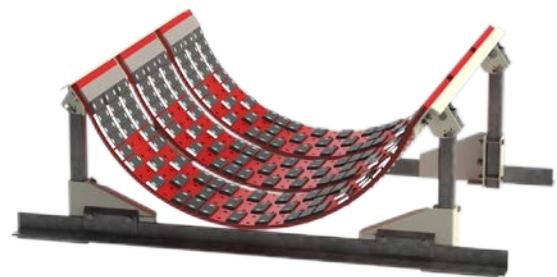
- Simple and effective design
- Requires minimal maintenance
- Individual straps fitted with low friction sliding pads made of ultra-high-density polyethylene
- Flexible and replaceable straps, depending on application
- **Standard design, available ex-stock**

Key Benefits:

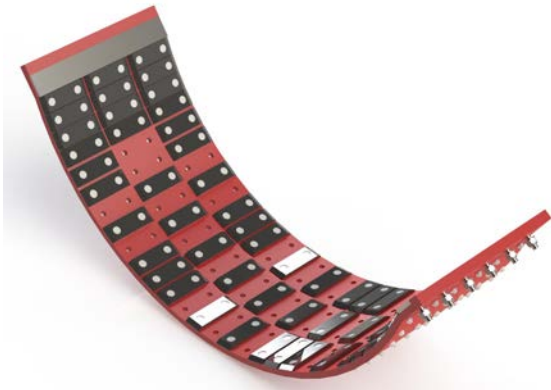
- Improves wear life of conveyor belt
- Simple and quick assembly
- Improved sealing
- Deep trough improves belt tracking and product centring
- Reduction in conveyor belt maintenance costs

Its **unique patented design** ensures the conveyor belt is in close contact to a maximum number of pads providing automatic and optimal distribution of impact, strains and friction with the aid of its elasticity feature.

The low co-efficient of pressure allows minimal energy absorption, effectively reducing wear to the conveyor belt as well as the cost advantages of longer wear life of the pads.



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Applicable for use in all bulk materials handling operations, particularly heavy-duty mining and quarrying application, as well as being ideally suited to wet and corrosive applications. The unmatched elastic performance effectively acts as a shock absorber for conveyor belts.

Aiding in the absorption of impact and force of the conveyed bulk material, whilst taking into consideration the dropping height, belt speed and material's abrasiveness.

Note: For belt width applications larger than 2.0m, contact Kinder Australia.

Bulk Materials Handling Applications

Hard Rock Mining



Quarry



Cement



Coal

