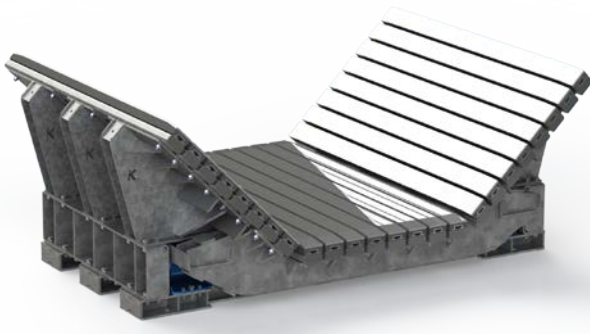


Datasheet – K-Glideshield High Speed / Capacity Impact Bars



K-Glideshield® High Speed / Capacity Impact Bars are designed specifically for **high speed (4m/s or higher) and/or high-capacity conveyors typically 1000 TPH or higher**. Consists of an innovative development material, formulated to achieve the following properties.

1. Low coefficient of friction (< 0.1)
2. High service temperature, 250° C continuous, 300° C short term.
3. Thermal conductivity to dissipate surface heat.
4. Certified fire resistant.
5. Increased wear resistance.
6. Good compressive strength.
7. High chemical resistance.

The K-Glideshield® proprietary and proven composite of materials results in a coefficient of friction 40% lower than UHMWPE. The unique composite formula also ensures superior heat resistance of 250°C, improved wear properties and thermal conductivity.

Applications

- Impact bar wear surfaces and K-Glideshield® Sure Support Rails in high-speed applications.
- Wear Strips.
- Sliding parts or guiding elements (dry running).



Physical Properties

Colour	Dark Grey
Hardness	66 Shore D
Tensile Strength	20 MPa
Elongation	252 %
Temperature - Service	250° C
Temperature - Short Term Max	300° C
Temperature - Melting Point	350° C

