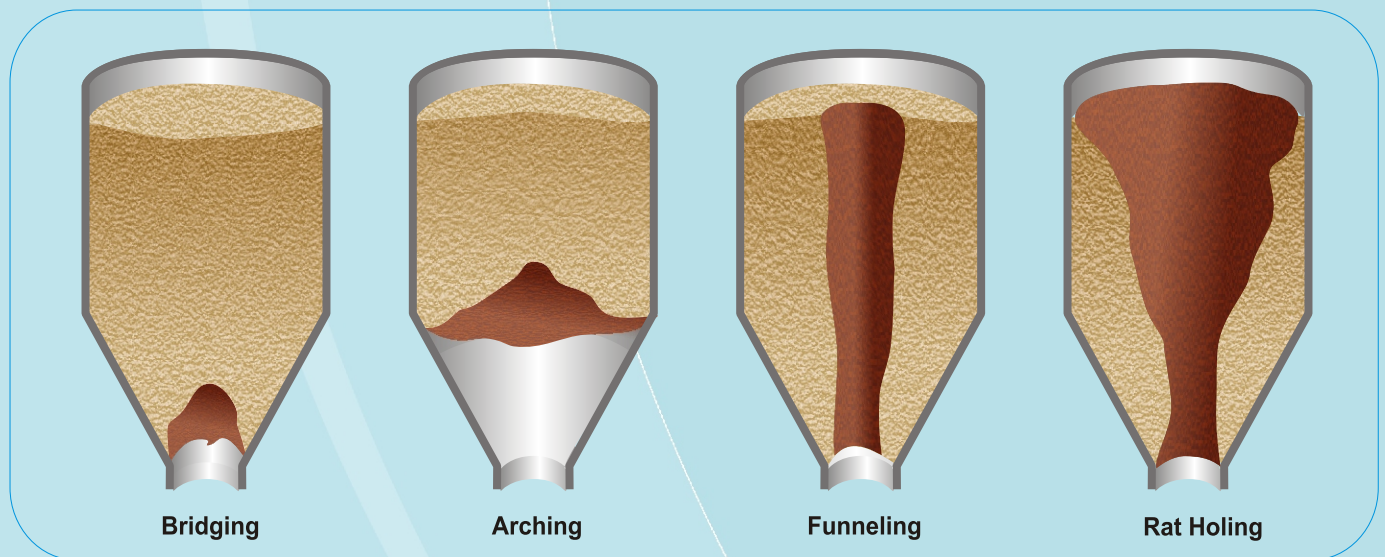


Kaveri Polymer Liners are manufactured out of various grades of Ultra High Molecular Weight Polyethylene (UHMW PE) guarantee free flow of Bulk Material where Stainless Steel / Manganese Steel and other lining materials have not worked.

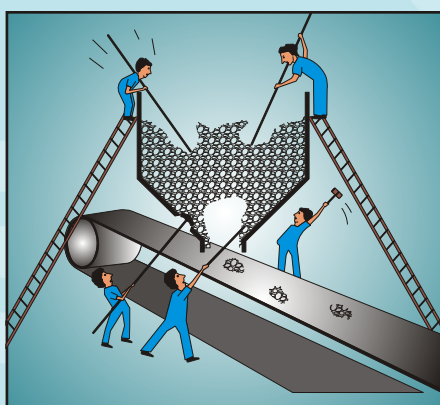
Polymer Liners have very low co-efficient of friction and wax like smooth surface resulting in uninterrupted flow of material, eliminating Arching, Bridging, Rat Holing, Funneling, Jamming and choking problems. Due to high Abrasion Resistance, the life of Bunker or Hopper increases considerably resulting in reduced maintenance costs and downtime.

PROBLEMS OF BULK MATERIALS IN STORAGE EQUIPMENT

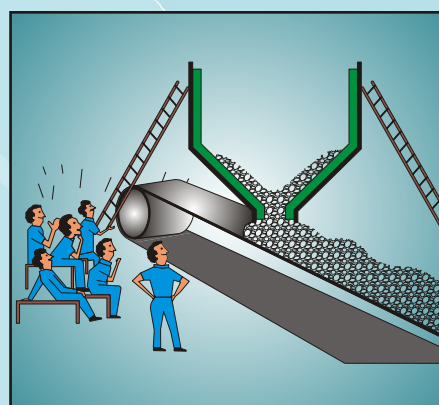


PERFORMANCE OF KAVERI POLYMER LINER

Pre - Liner



Post - Liner



APPLICATION

Bunkers
Bins
Chutes
Nodulising & Mixing drum
Silos
Spiral / Topogun Chute
Track Hopper
Wagon Tippler Hopper

MATERIALS HANDLED

Bauxite
Coal
Coke
Chemicals
Copper
Clay
Fertilizers
Gypsum
Iron ore
Limestone
Laterite
Lignite
Pozzolona
Sand
Zinc etc

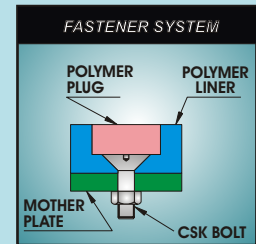
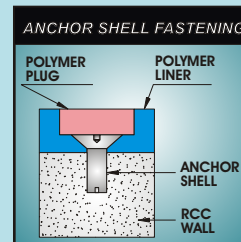
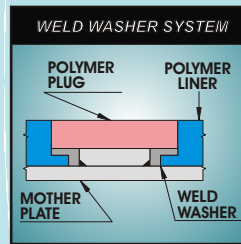
SALIENT FEATURES

- Low Co-efficient of friction
- Wear and Abrasion Resistant
- Light Weight hence easy to Handle, Install & Fabricate
- Non-Stick Paraffin like surface
- Zero Moisture Absorption
- Very good Chemical Resistance
- Easy to replace
- Special Grades, Thickness and Sizes available

INSTALLATION

PROPER INSTALLATION OF POLYMER LINERS IS VERY IMPORTANT.

- For MS surfaces
 - Mechanical Fasteners
 - Weld Washer System (A special fixing method developed by kaveri) where in mother plate is not punctured
- For RCC surfaces anchor shell fastener are recommended



ADVANTAGES

- Free flow
- Increased life of main equipment
- No equipment damage
- No increase in equipment Dead Weight because of low density
- Fit and forget system
- Higher capacities of Hoppers for identical head rooms

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