TIVAR® polymer is designed to solve material flow, abrasion, and corrosion problems. From wet wood pulp, to foundry sand, to handling coal at freezing temperatures, a TIVAR® lining is your answer to moving difficult materials. A special low coefficient of friction, excellent shock absorption, and high abrasion and corrosion resistance delivers a versatility not found in any other industrial polymer.

**TIVAR® Strengths**

- Abrasion Resistance
  - Outwears steel 6 to 1

- Chemical Resistance
  - Resistant to most industrial, acids, alkalis and solvents.
  - Will not rust.

- Nil Moisture Absorption
  - Non-absorbent

- Low Coefficient of Friction
  - Handles the worst of bulk materials, assists in smooth, predictable flow.

- Lightweight
  - Weighs 1/8 as much as steel.

- Easily Machines
  - Cut and drill with basic power tools.
  - Formable

- High Shock Strength
  - Rated non-break, even at -269°C

- Fastener Selection
  - Wide range available for different conditions.

- Applications Department Assistance
  - CAD/CAM design
  - On site advice
  - Site evaluation
  - Full on site installation

**TIVAR® Solutions**

A uniquely formulated polymer, TIVAR® is used in applications requiring high abrasion resistance and non-stick qualities.

- **Mining Liners for:**
  - Conveyors
  - Truck beds
  - Dragline buckets
  - Shovels
  - Front loading buckets
  - Scrapers
  - Excavator buckets

- **Coal Preparation Liners for:**
  - Chutes
  - Hoppers
  - Bunkers
  - Launderer parts
  - Conveyor skirting
  - Conveyor troughs

- **Coal and Ore Transportation:**
  - Dump truck lining
  - Ship Hold Liners
  - Rail car liners
  - Conveyor liners

- **Bulk Material Handling:**
  - Grain
  - Sand
  - Urea
  - Wood Chips
  - Soap Powder
  - Foundry Sand
  - Gypsum
  - Dry Cement
  - Fly Ash & Bottom Ash