

# GREGORY'S LININGS

INDUSTRIAL LINING SOLUTIONS

HOPPERS / SILOS

## TIVAR®... The Slick Solution to Sticky Problems.



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

TIVAR® is specified more often by leading bulk material handling consultants than any other liner.

#### **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**

Weights 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                | ■ Coal            |
| ■ Sand                 | ■ Gravel          |
| ■ Urea                 | ■ Phosphates      |
| ■ Wood Chips           | ■ Kaolin Powder   |
| ■ Soap Powder          | ■ Dry Fertilizer  |
| ■ Foundry Sand         | ■ Soda Ash        |
| ■ Gypsum               | ■ Barite          |
| ■ Dry Cement           | ■ Chemical Powder |
| ■ Fly Ash & Bottom Ash |                   |

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