



Lining Solutions

TIVAR™ 88 & TIVAR™ 88-2

Lining solutions for the cement industry eliminate sticking, arching and various flow problems

Challenges in the cement industry

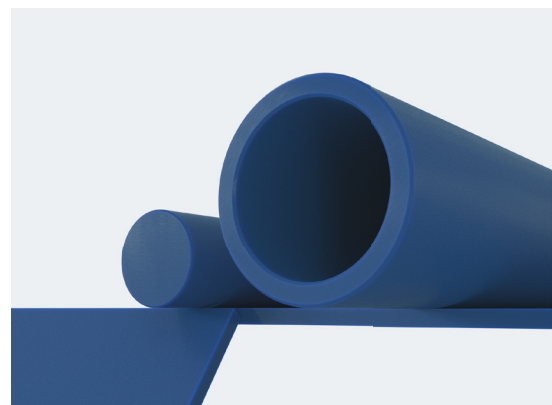
Sticky bulk materials such as limestone, gypsum, sand, iron, fly ash, marl, coal, bauxite and other such cohesive materials require a slippery surface to permit bulk materials to move.

Advantages of TIVAR™ 88 and TIVAR™ 88-2

TIVAR™ 88 and TIVAR™ 88-2 promote reliable bulk material flow due to their low coefficient of friction. Bulk materials move freely and discharge without hang-up. Plugging, arching and freezing are reduced or even eliminated. Both materials don't absorb any moisture.

Customer Benefits

- Maximizes bulk material flow efficiency
- Virtually eliminates plugging, arching, and carryback
- Reduces downtime, maintenance, and repair costs
- Extends equipment life with outstanding wear and corrosion resistance
- Reliable performance in moisture, freezing temperatures, and UV exposure
- Tailored solutions designed to meet your exact application requirements

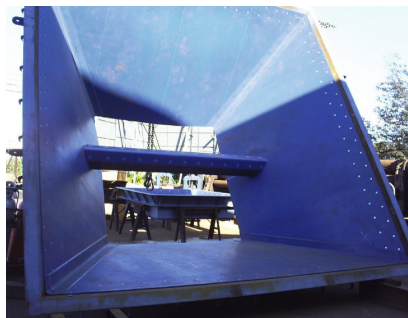


Typical application fields:

- Receiving hoppers
- Surge bins
- Dust collection hoppers
- Storage bins
- Vibratory feeders
- Chutes

The System TIVAR™ Engineering solution

The System TIVAR™ Engineering team of Mitsubishi Chemical Group (MCG) is made up of specialty engineers with different degrees of experience. Their expertise comprises the design, fabrication and installation of various TIVAR™ products into structures like hoppers, bins, chutes, containers, rail cars, ships and other structures that move or store bulk materials.



Bulk Materials:

- Limestone
- Synthetic gypsum
- Natural gypsum
- Sand
- Lime
- Marl
- Iron
- Fly ash
- Coal

Constant and trouble-free material flow saves time and money and helps to ensure a safe work environment. The remarkable coefficient of friction renders TIVAR™ 88 and TIVAR™ 88-2 materials with a very low wear rate, which extends the liner's and the hopper's life span, saves costs for maintenance and operational standstills.

Case Study: TIVAR™ 88-2 Vibratory Feeder Liner

Problem:

Original feeder was plugging causing efficiency issues during production, prompting an immediate need for TIVAR™ 88-2 liner.

Solution:

TIVAR™ 88-2 liner 15 mm thick for added wear resistances and rapid release technology.

Benefits:

TIVAR™ 88-2 liner was produced as one piece panel to eliminate seams, to increase flow, and to provide more consistent feed.



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