

LINING SOLUTIONS

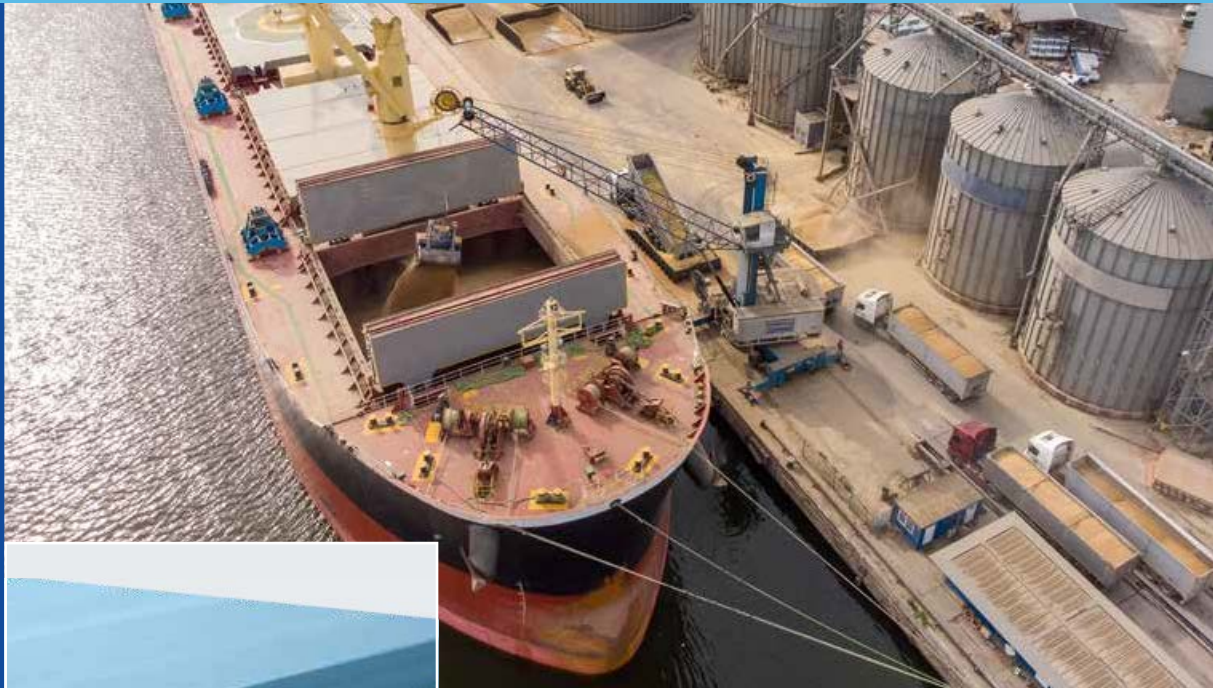
TIVAR[®] MarineGrade UHMW-PE

Key requirements

- Solve flow problems like bridging, caking, freezing
- Prevent flow disruptions
- Reduce downtimes
- Minimize capacity losses
- Reduce maintenance and repair costs

Customer benefits

- Low coefficient of friction allows for trouble-free bulk material flow
- UV-resistance enables long lifetime
- FDA compliance broadens the scope of use
- 13' length for fast installation and short downtime



Improved SUL Hold liners with proven lowest coefficient of friction surface in the industry

TIVAR[®] MarineGrade UHMW-PE is a unique material not only compliant with FDA guidelines and standards for SUL liners, but it has been tested by a world-renowned flow consultant and has proven to exhibit the lowest C.O.F. surface of any other liner in the industry.



The material's inherent UV-resistant additives prevent the liner from cracking and increases its lifetime. It's unique light-blue color is an important differentiator from other liners without UV protection on the market.

Mitsubishi Chemical Group - Advanced Materials Division offers the liner in up to 13' lengths which shortens installation time, improves yields, and offers considerable time and cost savings. TIVAR[®] MarineGrade UHMW-PE is FDA compliant.

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Improved Design

Traditionally used H profiles have been eliminated, to provide a smooth uninterrupted flow to the outlets with less hang-up. Less parts reduce repair complexity.

Shingle overlaps have been removed. Beveled design out wears and out performs the "industry standard" sheet, profile and shingle overlap design. The sheets are installed 45° from the horizontal compliments flow. Perimeter bevels act as a leading edge protector. No raised panels creates even wear over the entire sheet.

An improved fastening system includes additional fasteners which means more holding power, and a locking fastener provides a secure installation.



The Advanced Materials Division of Mitsubishi Chemical Group (MCG) can offer:

- Quality materials by a trusted name in the industry
- Best practice in design, supply, and installation
- Full turnkey project management throughout the project lifecycle
- Technical, commercial, and multi-cultural competencies
- A Global Network for successful implementation of any project in the world
- Qualified System TIVAR[®] Partners to perform the installations
- A warranty second to none



The System TIVAR[®] Engineering Group of the MCG Advanced Materials Division has been solving bulk material flow industries worldwide, for over 40 years. We are the industry and global leader for researching, developing and manufacturing high-performance engineered polymer materials and providing Turnkey Solutions.