



LINING  
SOLUTIONS

# Turnkey package flow solutions

**Superior sliding UHMW-PE  
linings material**



# Common package handling issues

In response to the explosive growth in e-commerce and online shopping, manufacturing and supply chain professionals are on the hunt for solutions to common industry problems such as package jams and damage, conveyor overload and shutdowns, slow package throughput, and hazardous safety conditions. The Advanced Materials Division of Mitsubishi Chemical Group (MCG) is solving these complex application challenges with our plastic material technologies, including our TIVAR® DrySlide UHMW-PE material.



Clearing jams causes conveyor shutdowns & wasted man hours.

Problematic areas reduce flow & damage packages.

Sprays & waxes are often used to increase package movement.



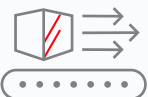

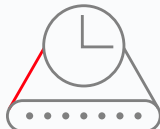


# Premium Parcel Handling UHMW-PE

MCG Advanced Materials offers lining solutions to make the handling of parcels safer, faster, easier and more efficient. The non-stick, non wearing surface of TIVAR® DrySlide UHMW-PE promotes flow, ensures a reliable and safe operation and prevents costly downtime, maintenance and repair. When you need to move packages, TIVAR DrySlide UHMW-PE does the job. Modified with special lubricants, it has the lowest coefficient of friction of any of the TIVAR® lining products. The enhanced coefficient of friction and anti-static properties make TIVAR® DrySlide UHMW-PE an excellent performer in dry, dusty or dirty environments.

**TIVAR® DrySlide UHMW-PE solves complicated wear & material flow issues while reducing downtime.**

In addition, the enhanced surface lubricity eliminates sprays and waxes, allowing packaging or products to move freely without jamming from dirt, grit or static build-up.

## TIVAR® DrySlide UHMW-PE offers remarkable benefits to logistic center operators

 <p><b>PACKAGE FLOW</b></p>	 <p><b>SORT PRODUCTIVITY</b></p>	 <p><b>LINE EFFICIENCY</b></p>	 <p><b>OVERALL WEAR LIFE</b></p>	 <p><b>ENERGY SAVINGS</b></p>
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## TIVAR® DrySlide UHMW-PE eliminates typical problems

<b>PACKAGE JAMS</b>	<b>CHUTE LUBE</b>	<b>DAMAGED PACKAGES</b>	<b>CONVEYOR SHUTDOWNS</b>	<b>NOISE LEVELS</b>
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# Expert installation with flexible integration

## Installation

We are able to provide lining solutions specific to each individual project including on-site analysis, liner design, pre-fabrication of kits, optional supervision or turnkey installation, anywhere around the globe, from small to large scale.

- Top-speed installation
- Certified installation team
- Scalable solutions
- Easily fits curves
- Custom design



Featured here is our certified installation partner, SurfaceWRX, completing another successful TIVAR® DrySlide UHMW-PE installation project.

## Application

TIVAR® DrySlide UHMW-PE is an ideal solution for many applications:

- Chute liners
- Conveyor components: bearings, belt guides, chain guides, curves, guide rails, & wear strips
- Dead plates
- Diverter bars & guide rollers
- Hitch plates & hopper liners
- Liners for gravity flow applications
- Roller covers
- Transfer plates

Custom designed, prefabricated kits fit even challenging geometries & reduce on-site installation time & costs.



# Get in touch

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We provide a wide range of polymer-based advanced materials, unrivaled expertise and access to industry-leading tools and technology.

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