

**SIMPLY NO
SUBSTITUTE**

TIVAR® UHMW-PE Family of Products

Acetrion®
GP

Duratron®
PAI, PEI, PI, PBI

Ertalyte®
PET-P

Fluorosint®
PTFE

Ketron®
PEEK

Nylatron®
PA6

Sanalite®
HDPE/PP

Semitron®
ESd

Symalite®
Fluoropolymer

Techtron®
PPS

TIVAR®
UHMW-PE



TIVAR® 1000

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- Meets FDA and USDA guidelines; 3-A Dairy-approved
- Chemical-, corrosion- and wear-resistant
- Non-toxic, low-friction surface

Applications : Bushings, Rollers, Bearing Elements

TIVAR® ECO

- Lower property level than the virgin TIVAR 1000
- Favorable price-performance ratio for applications in many kinds of industries with less demanding requirements.

Applications : Wear Strips, Wear Rails, Wear Guides, Rollers, Conveyor and Conveying Equipment, and Lining applications.



TIVAR® MD

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- Metal Detectable
- Good performance in cryogenic environment
- Food contact compliant according to FDA and EU Directive 2002/72 EC

Applications : Chain Guider Elements, Funnels, Rolls, and Bushings.

TIVAR® 88

- Promotes reliable, steady bulk material flow
- No moisture absorption
- Reduces or eliminates arching and erratic flow

Applications : Belt Scrapers, Chain Conveyor Flights, Drag-line Buckets, Hopper Liners, Off-road Truck Beds, Silo Liners, Wear strips, and Transfer Chute Liners.



TIVAR® 88

TIVAR® 88-2

- Low coefficient of friction
- Abrasion, chemical, and corrosion-resistant
- Can be fabricated and welded

Applications : Bunker Liners, Cyclones, Slider Beds, and Storage Bin Liners

TIVAR® 88 w/Burnguard

- Flame retardant
- Meets MSHA 1C-112/1 for underground mining
- UL94 V-0 Flammability Rating

Applications : Chute Liners, Slider Beds, Wear strips



TIVAR® DrySlide

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- Electro Static Dissipative
- Ideal for dusty environments
- Won't mar packaging or products

Applications : Transfer Chute Liners, Cyclones, Self-unloading Ships



QUADRANT

TIVAR® UHMW-PE Family of Products Cont.



TIVAR® UV Resistant

- Excellent outdoor stability
- Retains key properties up to three times longer during outside use than non-UV formulations

Applications : Air boat Bottoms, Boat Rub rails, Dump Trailer Liners, Ice Rinks

TIVAR® Oil-Filled

- Meets FDA and USDA guidelines
- Self-lubricating
- Corrosion-resistant

Applications : Chain Tensioner, Roll-end Bearings, Sprockets, Timing Screws

TIVAR® Ceram P®

- High load, High-speed, abrasive applications
- Wear-resistant
- Reduces Noise

Applications : Bearing Pads, Bushings, CAMS for Fruit Pitting Machines, Telescoping Boom Pads, Wire Belt Pulleys

TIVAR® ESd/ED

- Protects against electrical charge build-up
- Handles tough conditions where dust and static electricity can cause problems

Applications : Bearings, Chute Liners, Discharge Spout Liners, Flights, Robotics Parts

TIVAR® CleanStat

- Electro Static Dissipative
- Meets FDA and USDA guidelines 3A-Dairy certification
- Meets ASTM D-4020-81 of 4.0- to 5.4-million molecular weight

Applications : Chute Liners, Fabricated Components, Hopper Liners, Vibratory Feeder Pans

TIVAR® DockGuard

- Developed for the most stringent exposure and wear conditions
- UV-resistant
- Eco-friendly

Applications : Fender Facings, Wear strips, Piling Rub Strips, Half-round Fenders

TIVAR® PolySteel

- Reduces or eliminates plastic contamination in paper mill wood-yards
- High specific gravity
- Excellent impact strength

Applications : Chip Sizing Screens, Flat Back Elbow Liners, Jack-ladder Liners

TIVAR® H.O.T.

- Inhibits oxidation, extends material wear-life
- Extended operating temperature range
- Meets FDA guidelines, USDA and 3-A Dairy compliant

Applications : Chain Guides, Conveyor Components, Drying Equipment, Machined arts



All statements, technical information and recommendations contained in this publication are presented in good faith, based upon tests believed to be reliable and practical field experience. The reader is cautioned, however, that Quadrant Engineering Plastic Products does not guarantee the accuracy or completeness of this information and it is the customer's responsibility to determine the suitability of Quadrant's products in any given application.

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