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Redco™ Virgin UHMW

Redco™ UHMW polyethylene offers a combination of high impact strength, excellent machinability and low surface friction with outstanding wear and corrosion resistance.
FDA, CFIA & USDA approved, Redco™ UHMW reduces material hang ups and enhances material flow; increasing your production and your profits.

STANDARD COLOR: Natural (white) & Black
STANDARD SHEET SIZE: 48” X 120”
STANDARD SHEET THICKNESSES: 1/8 to 3”
STANDARD ROD LENGTH: 120”
STANDARD ROD DIAMETER: 1/2” to 8”
Fusion welded Redco™ UHMW sheets are also available to eliminate lifting; up to 144” x 1200”.

TYPICAL APPLICATIONS:
Wear strip, channel, diverter arms, bearing blocks, scraper blades, wear rails, star wheels, chute liners, hopper liners, bunk pads, slider blocks, low pressure gears, light duty pulleys, dock fenders/pads, metal detector troughs, trimmer lugs, sprockets, conveyor flytes, wear shoes/guides, forklift hose sheaves, skate wheels, rollers, hold down wheels, slides, cutting boards, outrigger pads, etc.

Redco™ Reprocessed UHMW

Redco™ Reprocessed UHMW is a blend of Virgin and Reprocessed polyethylene resulting in a cost effective alternative to Virgin UHMW. Redco™ Reprocessed UHMW is recommended for less demanding applications.

STANDARD COLORS: Black, Green & Yellow
STANDARD SIZE: 48” X 120”
STANDARD THICKNESSES: 1/4” to 3”

TYPICAL APPLICATIONS:
Wear strip, channel, hold down wheels, slides, bearing blocks, wear rails, chute liners, hopper liners, wear shoes/guides, low pressure gears, flytes, light duty pulleys, dock fenders/pads, skate wheels, rollers, slider blocks, outrigger pads, etc.

Redco™ X-Static

Redco™ X-Static eliminates static electricity hazards common in bulk material applications. Redco™ X-Static is a special combination of virgin UHMW compounded with Carbon Black to provide anti-static properties while retaining corrosion and wear resistance, low surface frictions and high impact strength.

STANDARD COLOR: Black
STANDARD SHEET SIZE: 48” X 120”
STANDARD SHEET THICKNESSES: 1/8 to 2”

TYPICAL APPLICATIONS:
Bulk material liners, wear strip, chute, bin, hopper, and silo liners, etc.
Redco™ Titanium is specially formulated to be the slickest, strongest and toughest with superior abrasion resistance and the lowest thermal expansion. Developed for the most demanding applications involving impact and sliding, Redco™ Titanium will withstand the most severe environments.

**STANDARD COLOR:** Dark Blue/Grey  
**STANDARD SHEET SIZE:** 48" X 120"  
**STANDARD SHEET THICKNESSES:** 1/8" to 2"

**TYPICAL APPLICATIONS:**
Bin liners, hopper liners, flume liners, belt scrapers, skirt boards, chutes, conveyors, silos, cyclones, spoon liners, bunkers, wear strips, feeder liners, etc.

Redco™ Synsteel is a “pulp safe” UHMW engineered to remedy concerns with plastic contamination. Synsteel has a specific gravity >2, is attracted to magnets, has a melting point > 180ºC and will trigger metal detectors. Synsteel also carries the benefit of twice the compression strength of virgin UHMW, reduced thermal expansion, improved abrasion resistance and UV stabilization.

**STANDARD COLOR:** Dark Grey  
**STANDARD SHEET SIZE:** 48" X 120"  
**STANDARD SHEET THICKNESSES:** 3/8 to 2"

**TYPICAL APPLICATIONS:**
Debarker outfeed, wearstrip, hog fuel handling, chip handling, sharp chain wearstrip, conveyor systems, cyclone liners, bin liners, flat backs on blow systems, resaw line bars, chip screens, conveyor flytes, mast guides in forklifts, shaft support bearings, chipper infeed spouts, chute liners, oregon bends, transition sections, line bars, etc.
The Redco™ Tivar®* product line has a variety of custom formulations to suit many applications to reduce noise, prevent hang ups, bridging and ratholing, eliminate static and decrease wear on equipment. Specialty formulations include:

**Redco™ Tivar® 88**
A premium lining material for bulk material handling, Redco™ Tivar® 88 promotes flow of cohesive or non-free flowing materials due to its low surface friction. Redco™ Tivar® 88 liners are the perfect solution to reduce or eliminate arching, ratholing and erratic material flow challenges.

**Redco™ Tivar® 88 BurnGuard™**
Redco™ Tivar® 88 with BurnGuard™ has flame retardant properties. When the source of the combustion is removed, TIVAR® 88 with BurnGuard™ self extinguishes and experiences no further impact. Redco™ Tivar® 88 with BurnGuard™ meets MSHA 1C-112/1 for underground mining and has a UL94 V-0 flammability rating.

**Redco™ Tivar® Dryslide**
Ideal for dusty environments, Redco™ Tivar® Dryslide is electro static dissipative which eliminates shock due to friction. Redco™ Tivar® Dryslide is also corrosion-resistant, self-lubricating (dry lubricant formulation) with no moisture absorption.

**Redco™ Tivar® H.O.T.**
Formulated to maintain key performance properties in a variety of industrial manufacturing environments where temperatures range up to 275°F. In many applications, Redco™ Tivar® H.O.T will last up to 10 times longer in higher temperature environments and has excellent wear and release characteristics.

**Redco™ Tivar® Ceram P®**
The ultimate material for high load, high speed and severe sliding abrasion applications. Composed of virgin polymer and premium additives, Redco™ Tivar® Ceram P® is a shatter-resistant alternative to ceramics, reducing wear and machine maintenance downtime.

**STANDARD COLORS:** Blue, White & Black  
**STANDARD SHEET SIZE:** 48" X 120"  
**STANDARD SHEET THICKNESSES:** 1/8 to 2"  
Fusion welded Redco™ UHMW sheets are also available to eliminate lifting; up to 144" x 1200".

**TYPICAL APPLICATIONS:**
Belt skirting, chute liners, conveying components, bearings, belt guides, chain guides, curves, guide rails, wearstrip, dead plates, diverter bars, guide rollers, hitch plates, hopper liners, liners for gravity flow applications, roller covers, transfer plates, under belt wearstrips, belt scrapers, bunker liners, chain conveyor flytes, chute liners, conveyor skirting, cyclones, drag chain conveyor liners, dragline buckets, dust collection hopper liners, front end loader bucket liners, hopper liners, off-road truck beds, truck bed lining for asphalt hauling, pugmill paddles, railcar liners, reclaimer buckets, screw conveyor liners, self-unloading ships, silo liners, slider beds, storage bin liners surge bin liners, transfer chute liners, under chain guides, vibrating bin, dischargers, vibratory feeder liners, etc.

*Tivar & BurnGuard are registered trademarks of The Quadrant Group of Companies*
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* alternative

Redco™ 81X High-Side Channel
Part#: R-9087
* alternative

Redco™ HD-81X Channel
Part#: R-10576

Redco™ H78 Channel
Part#: R-10148

Redco™ H82 Channel
H82, WR78HD, WR82
Part#: R-4540

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APPLICATIONS

Hopper, Chute, Conveyor, Silo, Bin and Truck Liners, Chain Covers & Guides, Wear Strip, Wear plates, Belt and Cable Protectors, Rollers, Wheels, Lugs, Sprockets, Slides, Bearings, Scrapers, Sorter Parts, Diverters, Fabricated Parts, etc.

Wood Processing
Chip Screens, Sorter Parts, Shear Boards, Chain Gate Diverters, Chipper Spouts, Transition Sections, Metal Detector Troughs, Loader, Skidders, Lumber Carrier Parts, Trimmer Lugs

Pulp & Paper
Chip Screens, Bumper Blocks, Conveyor Slats, Deflector Foils, Idler Wheels, Screen Wire Strips, Suction Box Covers, Water Scrapers

Agriculture
Drive Sprockets, Chain Wear Pads, Spreader Guides, Feed Rolls

Food & Beverage Processing
Cutting Boards, Slides, Freezer Components, Star wheels, Pillow Block Bearings, Bottle Filler and Capper, Couplings, Fittings, Feed Screws, Bakery Lines, Bottling Lines

Mining

Marine
Self-unloading Bulk Cargo Ship Liners, Stone, Ore, Chemicals, Feeder Lines, Cable Protectors, Non-Skid Flooring, ThruFlow Flooring, Convex Mirrors, Decking, Boat Seats, Rub Rails, Dock Fenders

Material Handling
Rope Pulleys, Conveyor Slats, Loader Slides, Spur Gears, Contact Breakers, Liquid Pump Gaskets, Steel Roller Covers for Belt Conveyors

Waste Water Treatment
Wear Shoes, Flytes, Hanger Bearings, Roller Covers

Railroad
Hopper Car & Feeder Liners

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