



Redco™ SAFEGUARD™ TAN & RED

Redco™ Safeguard™ is a lining material made from Premium Quality Natural Rubber that provides exceptional surface protection against corrosion and outstanding anti-abrasion properties. Redco™ Safeguard™ is the optimal choice in the mining, cement, concrete and aggregate markets, wherever abrasion and wear resistance is critical.

- Excellent mechanical properties such as tensile strength, elasticity (rebound) and tear resistance
- Good resistance to acids, bases and salts
- Fabric reinforcement available for aggressive tear resistance

GRADES AVAILABLE:

**Redco™
Safeguard TAN
40A**
General Purpose

**Redco™
Safeguard RED
38A**
Abrasion Resistant

- “Universal Lining” Applications
- Superior Tensile
- Cut, Tear & Abrasion Resistance
- Rebound Elasticity
- With manual prep = good adhesion to metal and fabric.

- Superior to other Premium Red Gum Rubbers
- UV Stabilized Outdoors
- Excellent Wet/Dry, excels at slurry and sliding with fine particles such as sand
- Extraordinary Elasticity & Stretch
- Excellent Cut & Tear Resistance
- Available w/ bonding layer “prep-back” for easy bonding with Redco™ Strongbond (Cold Vulcanizing Adhesive)

Applications:

- Cement sleeves and chute liners
- Grommets
- Squeegees & wipers
- Trommel liners
- Mining wear applications
- Conveyor skirts & aprons
- Tank, chute & pipe liners
- Cyclones, classifiers & concentrators
- Wash plant liners
- Gaskets

COLOR: Tan & Red
DUROMETER: 38A-45A
SHAPES: Sheet, strips, profiles, and cut-to-size
SIZES: 1/16” through 1” thick
48” wide rolls standard



Strong



Extraordinary Elasticity, Stretch & Snap



Cut & Tear Resistant



Corrosion Resistant



Impact Resistant



Abrasion Resistant

PREMIUM GRADE WEAR RESISTANT RUBBER

CONVEYOR LINER

PROPERTY	SPECIFICATION	UNIT	TYPICAL VALUE	
			TAN	RED
Density		g/cc	1.05	.97
Durometer (Hardness)	ASTM D 2240	Shore A	40-45	38
Tensile Strength	ASTM D 412	PSI	2,900	3,625
Ultimate Elongation	ASTM D 412	%	550	600
Temp Range		°C (°F)	-40 to +83 (-40 to +181)	-40 to +80 (-40 to +176)
Compression Set	ASTM D 395	%	23.6	29.4
Tear Strength	D 624-00-2012	lbs/in	280	291

CHEMICAL RESISTANCE

COMPOUND RESULT

Acid	Very Good
Alkali	Very Good
Gas & Oil	Poor
Aromatic Hydrocarbons	Poor
Ketones	Poor
Chlorinated Solvent	Poor
Steam	Not Recommended
Oxidation	Good (Tan Not Recommended)
UV	Good (Tan Not Recommended)
Ozone	Good (Tan Not Recommended)

ASK US about our custom cutting, stamping and fabricating services. All sheet rubber products are available in many formats, including:

- ▶ Full rolls
- ▶ Sheets
- ▶ Cut- to-size strips
- ▶ Blocks
- ▶ Custom-fabricated
- ▶ Die-cut parts

Redwood Plastics and Rubber offers a quick-ship process for in-stock sheet orders in as little as 24 hours if required.