



KRAFT MILL PULP SAFE PLASTICS

Completely Dissolves
in Kraft Process!

**SPS
2000™**
-COMPLETELY DISSOLVES-
-KRAFT MILL SAFE-



SPS 2000 Channel

SPS-2000 is a Kraftmill PULP SAFE, filled polyurethane wear material that was specially developed for sawmills and planer mills that are supplying fiber to kraft pulp mills. SPS-2000 completely dissolves in the kraft cooking process with no possibility of pulp fiber contamination combined with good wear characteristics, low coefficient of friction, high dimensional stability, abrasion resistance, load and impact strength that is unaffected by most oils, greases and solvents.



Synsteel Chip Screen

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 $> 180^{\circ}\text{C}$ 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.

Call Us Today to Ensure the Most Optimal Material is
Used for Your Application.



CONTACT US TODAY
CDN 1 800 667 0999
US 1 866 733 2684
www.redwoodplastics.com

SINCE 1971

PROPERTY HIGHLIGHTS



- Increased dimensional stability
- Improved abrasion resistance
- Superior load strength
- Good impact characteristics
- Unaffected by most oils, greases and solvents
- High compressive strength (1600 PSI)

- Coefficient of linear expansion due to heat improved by approximately 25%
- Elongation reduced from 300% to 60%
- Compressive Strength double that of UHMW (1500 PSI)
- Meets the melt point criteria of pulp mills of 180 °C or better
- Specific gravity is greater than 1 (1.8 - 2). Therefore it will sink & be taken out in the pulp cleaners
- UV stabilization to help prevent breakdown in sunlight
- Activates metal detectors depending on size & detector sensitivity
- Outstanding wear & abrasion resistance, 2+ times better than virgin UHMW
- Lightweight compared to steel, 1/4 the weight
- Low coefficient of friction
- Self Lubricating
- No moisture absorption
- Sound dampening
- Corrosion & chemical resistant

APPLICATIONS



Wear Strips
Wear channel

Wear Plate
Chip Handling

Push Lugs
Chain guides

Wear Strip
Chip Cyclone Liner
Sawdust Cyclone Liner

Bin Liners
Blow System Flat Backs
Resaw Line Bars

Chip Screens
Conveyor Flytes
Chipper Infeed Spouts

CUSTOM DESIGN AND FABRICATION

Redwood Plastics has designed and fabricated a variety of solutions to shock, abrasion, noise, wear and friction to many industries, resulting in increased production, decreased maintenance costs and decreased down time, adding to your bottom line.

CONFIGURATIONS



Profiles:



REDCO
H78 LOW PROFILE



REDCO
81X LOW PROFILE



REDCO
81X HIGH SIDED



REDCO
H78 / H82



REDCO
FLAT BAR FLYTE



REDCO
BOX FLYTES

Strip: Custom Strip Sizes & Thicknesses
(Upon Request)

Sheet: 96" X 24"



Profiles:



REDCO 454
CHANNEL INSERT
H78 Fabricated Chain
R-3967SYN



REDCO
81X CHANNEL
R-5007SYN



REDCO
81X HIGH SIDE
CHANNEL
R-9087SYN



REDCO
FLYTE PROFILE FOR
PRESS OVER 3 X 3
STRUCTURAL STEEL
R-4151SYN



REDCO
H82 CHANNEL
H82, WR78HD, WR82
R-4540SYN



REDCO
FLYTE PROFILE FOR
PRESS OVER 1 X 3 1/2
FLAT BAR
R-4255SYN



REDCO
H78 CHANNEL
H78, HD78, MO88,
MOH578, C188
R-10148SYN

Strip: 3/8" x 3" 1/2" X 3" 1/2" X 4"

Plate:

DIMENSION	THICKNESS
48" X 120"	1/4" - 4"
60" X 120"	3/8" - 5/8"
60" X 144"	3/4" - 2 1/4"
52" X 104"	3/4" - 1"
52" X 128"	3/4" - 2 1/4"



INNOVATIVE SOLUTIONS IN PLASTIC

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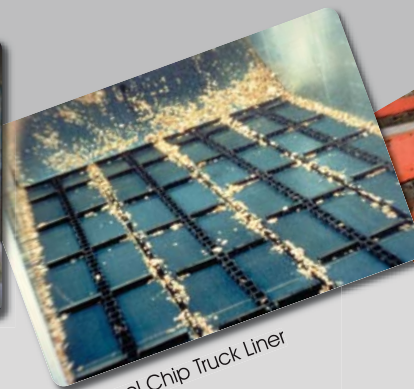




Synsteel Wear Plate



Synsteel Chip Screen



Synsteel Chip Truck Liner



SPS 2000 Channel

- Dissolves in Kraft Process
- UV Stabilized
- Low Coefficient of Friction
- Abrasion Resistant
- Increased Dimensional Stability
- Superior Load Strength
- Good Impact Characteristics
- Unaffected By Most Oils, Greases And Solvents



Contact Your Local Representative Today



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