



# HEAVY DUTY

*CONVEYOR AND ELEVATOR BELTING*







## Cover Compounds

### Standard

High tensile SBR/Natural rubber blends for abrasion and cut resistance. Standard meets all criteria for RMA grade II. This is the most widely used compound providing long life at an economical cost. Sand, gravel, limestone, coal and ore are readily conveyed with standard covers.

### Grade I

A premium cut & gouge resistant compound designed for the most severe service. Excellent for glass cullet, trap rock, sharp metals and granite.

### MOR

Medium oil resistant for wood chips and whole grains. Resistant to light traces of oils and terpenes. Used extensively in the lumber industry.

### Flame Resistant

May be used above ground where fire resistant characteristics are required. Very popular at power plants and for grain applications.

### Super Oil Resistant

Specially compounded for severe oil applications when animal fats or petroleum oils are present. Excellent resistance to the deteriorating effects of kerosene, diesel oil and most heavy oils.

### Hot Asphalt

When oil and heat are present, this compound offers excellent resistance to swelling and cracking. Do not use for dry heat. Oil must be present.

### High Heat Resistance

Covers withstand product temperatures for lumpy material to 400°F (204°C) and continuous baking loads to 300°F (149°C). Heat resistant cover compounds protect the carcass from heat deterioration. Covers stay flexible when the belt is used within the allowable temperature range.

### Premium Heat Resistant

Premium heat resistant belt for conveying hot lumpy material up to 700°F (371°C) and short time cycle baking loads of 450°-500°F (232°-260°C).

*Mining*

*Foundries*

*Energy*

*Aggregate*

*Cement*

*Grain*

*Lumber*

*Recycling*

*Crushers*

*Sawmills*

*Wood chips*

*Fertilizer*

*Road Milling*

*Quarries*

*Log handling*

*Automotive*

*Construction*

*Bucket Elevator*

*Glass Industries*





**Lab** tested



**Fast** delivery

# THE INDUSTRY LEADER IN HEAVY DUTY BELTING

We are the industry leader in heavy duty black conveyor belting used in many industries throughout the world. Over fifty types of heavy duty specifications are inventoried for cut flat belt and custom fabrications.

We take pride in being your well stocked inventory resource. A vast amount of heavy duty belting products including common and unusual specifications allows us to be your warehouse, reducing your overall inventory cost.

Beltservice Corporation works with many leading manufacturers around the world to insure optimum product quality. We are equipped with a state of the art lab to test cover adhesions, ply adhesions and abrasion requirements. Our in house chemists and engineers work with conveyor belting products exclusively, all day, every day.

*We have the belting products  
and knowledgeable people.*

## FEATURES & BENEFITS

- Largest selection in North America*
- Wide range of lengths and widths*
- Slit to width orders ships in 24 hours or less*
- Special compounds available*
- Broad range of tensile ratings*
- Technical expertise*
- Outstanding Customer Service*
- Millions of feet sold worldwide*
- Lab tested for demanding applications*
- Stock in U.S., Canada and Mexico*
- On site surveys*
- Fast deliveries*



# IMPERIAL

## BELTING CONSTRUCTION

Construction	150/2	220/2	330/3	440/4	600/3
Tension rating (PIW)	150	220	330	440	600
Number plies	2	2	3	4	3
Carcass weight (lbs/sq. ft.)	0.70	0.80	1.10	1.30	1.35
Carcass gauge (inches)	0.110	0.125	0.18	0.23	0.25
Cover weight (PIW/1/32)	0.017	0.017	0.017	0.017	0.017

## CONVEYOR

Min. pulley @ 80-100% tension	14"	16"	18"	24"	24"
Min. pulley @ 60-79% tension	12"	14"	16"	20"	20"
Min. pulley @ 59% tension or below	10"	10"	12"	16"	18"

## TROUGHING EMPTY (min. width)

Idler @ 20° angle	14"	16"	20"	24"	24"
Idler @ 35° angle	16"	18"	24"	30"	30"
Idler @ 45° angle	NR	24"	30"	36"	36"

## LOAD SUPPORT (max. width)

Idler Angle	#/cu. ft					
@ 20°	0-45	42"	48"	72"	72"	72"
@ 20°	46-80	36"	42"	60"	72"	72"
@ 20°	81-115	30"	36"	48"	60"	60"
@ 20°	116+	NR	30"	42"	54"	54"
@ 35°	0-45	36"	42"	60"	72"	72"
@ 35°	46-80	30"	36"	54"	60"	60"
@ 35°	81-115	24"	30"	48"	54"	54"
@ 35°	116+	NR	24"	42"	48"	48"
@ 45°	0-45	NR	42"	60"	72"	72"
@ 45°	46-80	NR	36"	48"	54"	60"
@ 45°	81-115	NR	NR	36"	48"	48"
@ 45°	116+	NR	NR	30"	42"	42"

## ELEVATOR

Min. pulley @ 80-100% tension	NR	16"	18"	24"	30"
Min. pulley @ 60-79% tension	NR	14"	16"	20"	24"
Min. pulley @ 59" tension or below	NR	12"	14"	18"	20"
Max. bucket projection	NR	6"	7"	8"	10"

## GLOBAL LOCATIONS

**ST. LOUIS, MO**  
314-344-8500  
800-727-2358

**SACRAMENTO, CA**  
916-419-7191  
800-289-2358

**BOISE, ID**  
208-342-4681  
800-423-4469

**CHARLOTTE, NC**  
704-949-2100  
800-849-2358

**PHILADELPHIA, PA**  
215-295-1900  
800-777-1314

**PORTLAND, OR**  
503-286-9965  
800-347-9251

**DALLAS-  
FT. WORTH, TX**  
314-344-8555  
800-727-2358

**BELTSERVICE  
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