

## AGGREGATE AND SAND BELTING

**Aggregate Industries manufacture and supply a range of heavy building materials, primarily aggregates such as sand, stone, asphalt and concrete, to the construction industry and other business sectors.**

Aggregate takes many forms, and its uses are varied. Mining, construction, and material processing/production are just some industries that need to move aggregate through their operations.

Every type of aggregate presents a unique conveying challenge, such as quarry dust, fines, fires, and abrasive materials.



- Our aggregate belts provide excellent rip, tear and impact resistance as seen in hard rock mining (limestone, granite, trap rock and other aggregates).
- We carry conveyor belts that are suitable for high strength, long-distance, and heavy load transportation of materials, which are widely used in coal mines, hard rock mining, bulk shipping terminals/port facilities, coal-fired power plants, and mineral mining.
- NBSS offers superior heat resistant belts where the EPDM rubber compounds and the carcass reinforcements have been combined to address virtually every abusive application involving conveying of hot material.



NBSS will help you choose the right conveyor belt material for your system and explore all belt conveyor options and specifications. Here are just a few of the belts we offer for the aggregate industry:



**2/220 3/16 x 1/16 GRADE II**

Widely used to handle aggregate and other abrasive materials. 3/16" top cover offers durability and long belt life.

SPEC#	6225G	WEIGHT (PIW)	.189
APPLICATION	Heavy-Duty	MIN. PULLEY	12"
TEMP.	0°F to 250°F	ACCEPTED	No
THICKNESS	3/8"	RECOMMENDED SPLICING	550 Bolt, R5-1/2 Rivet, 190 Plate



**3/330 3/16 x 1/16 GRADE II**

Very popular belt used extensively to transport rock, sand, and gravel. Offers tough polyester/nylon carcass and abrasion resistant Grade II covers for needed durability.

SPEC#	6335G	WEIGHT (PIW)	.205
APPLICATION	Heavy-Duty	MIN. PULLEY	16"
TEMP.	0°F to 250°F	ACCEPTED	No
THICKNESS	13/32"	RECOMMENDED SPLICING	190s, 550s, R5-1/2, Bias Step



**1 PLY 440# 1/4 x 1/8 GRADE II**

Single-ply straight warp belt carcass offers exceptional life, low stretch, and high volume carrying capacity.

SPEC#	61410	WEIGHT (PIW)	.295
APPLICATION	Heavy-Duty	MIN. PULLEY	20"
TEMP.	-25°F to 250°F	ACCEPTED	No
THICKNESS	.54"	RECOMMENDED SPLICING	550 Bolt, R6 Rivet, 190 Plate



**2 PLY 220# 3/16 X 1/16 400 DEG**

One of the most popular belts in today's marketplace. Widely used to handle aggregate and other abrasive materials. 3/16" top cover offers durability and long belt life.

SPEC#	6225H	WEIGHT (PIW)	.195
APPLICATION	Heavy-Duty	MIN. PULLEY	12"
TEMP.	-12°F to 400°F	ACCEPTED	N/A
THICKNESS	.343"	RECOMMENDED SPLICING	Vulcanized Step Splice, Mechanical Fasteners



**3 PLY 330# 1/4 X 1/16 700 DEG**

Belt covers withstand product temperatures for lumpy material to 700°F and continuous baking loads to 500°F. Heat resistant cover compounds protect the carcass from heat deterioration. Covers stay flexible when the belt is used within the allowable temperature range.

SPEC#	6336H	WEIGHT (PIW)	.232
APPLICATION	Heavy-Duty	MIN. PULLEY	18"
TEMP.	-20°F to 700°F	ACCEPTED	N/A
THICKNESS	.5"	RECOMMENDED SPLICING	Flexco Plate #190, Hinged #550, Rivet R6

**Applications Often Used**

- ▶ Primary Crushing
- ▶ Construction
- ▶ Sustainable Drainage Systems
- ▶ Railcar and Barge Loading
- ▶ Trenching
- ▶ Moving Quarried Stone
- ▶ Quarries and Mining

**Original Equipment Manufacturers**

- ▶ AMI
- ▶ Stedman
- ▶ Astec Industries
- ▶ Superior
- ▶ Aggregate Systems LLC
- ▶ Kemper Equipment