



 **Global**  
Alliance Industrial Products, LLC

**Conveyor Belt**

# Premium Heavy Duty Conveyor Belt

## 3ply 600# 3/8" x 1/8" RMA Grade 1

Part Numbers: BCON600/3-6242



### Description

Belt Type:

Belt Designation:

Total Belt Gauge (inch)

Belt Weight (lbs/sq. ft.)

Min. Working Tension Rating

Elongation at break (%)

Elongation at 10% of breaking strength

Cover grade:

ASTM D 412

Min. Tensile  
Strength

ASTM D 412

Min. Elongation at  
Break

DIN 53516

Abrasion Loss

ASTM D 412

Hardness (Shore A)

Cover Gauge

Top Cover (inch)

Bottom Cover (inch)

Thickness of cover and tolerance

Packing type:

### Supplier Values

Polyester/Nylon

EP350 x 3PLY

0.713

Approx 4.3

650 lbs/inch

15

1~1.5

RMA-1 Grade

18.3 Mpa

470%

110 cu. mm

65 +/- 5 Duro

0.375

0.125

ASTM D 378

Wooden Cover / PP Cloth

Drive Pulley Diameter		
81~100% Load	61~80% Load	40~60% Load
26"	22"	20"
Tail & Take-up Pulley Diameter		
Tail Pulley		Take-up Pulley
22"		22"
Snub & Bend Pulley Diameter		
Snub Pulley		Bend Pulley
18"		18"

## 3ply 375# 1/4" x 1/16" RMA Grade 1

Part Numbers: BCON375/3-4136



### Description

Belt Type:

Belt Designation:

Total Belt Gauge (inch)

Belt Weight (lbs/sq. ft.)

Min. Working Tension Rating

Elongation at break (%)

Elongation at 10% of breaking strength

Cover grade:

### Supplier Values

Polyester/Nylon

EP250 x 3PLY

0.500"

Approx 2.82 lbs

410 lbs/inch

15

1~1.5

RMA-1 Grade

Drive Pulley Diameter		
81~100% Load	61~80% Load	40~60% Load
20"	18"	16"
Tail & Take-up Pulley Diameter		
Tail Pulley	Take-up Pulley	
17"	17"	
Snub & Bend Pulley Diameter		
Snub Pulley	Bend Pulley	
14"	14"	

ASTM D 412	Min. Tensile Strength	2750 PSI
ASTM D 412	Min. Elongation at Break	450%
DIN 53516	Abrasion Loss	110 cu. mm
ASTM D 412	Hardness (Shore A)	65 +/- 5 Duro
Cover Gauge	Top Cover (inch)	0.25
	Bottom Cover (inch)	0.0625
Thickness of cover and tolerance		ASTM D 378
Packing type:		Wooden Cover / P.P. Cloth



Engineered specifically for rock, our 375# and 600# belts feature a low stretch Poly / Nylon carcass, 12:1 safety factor and less than 2% stretch at full working tension. RMA grade 1 covers are included for superior cut and gouge resistance.

# Rubber Conveyor Belt Moderately Oil Resistant

## 3ply 330# 3/16" x 1/16"

Part Numbers: BCCON330/3-3172MOR



### Description

Belt Type:

Belt Designation:

Total Belt Gauge (inch)

Belt Weight (lbs/sq. ft.)

Min. Working Tension Rating

Elongation at break (%)

Elongation at 10% of breaking strength

Cover grade:

ASTM D 412

Min. Tensile  
Strength

ASTM D 412

Min. Elongation at  
Break

DIN 53516

Abrasion Loss

ASTM D 412

Hardness (Shore A)

Cover Gauge

Top Cover (inch)

Bottom Cover (inch)

Thickness of cover and tolerance

Packing type:

### Supplier Values

Warp-Poly/Weft-Nylon

EP200 x 3PLY

0.3937 / 0.457

Approx 2.55 / 3.10

345 lbs/inch

15

1~1.5

RMA-MOR

15.6 Mpa

415%

160 cu. mm

65 +/- 5 Duro

0.1875 / 0.25

0.0.625

ASTM D 378

Wooden Cover / PP Cloth

Drive Pulley Diameter		
81~100% Load	61~80% Load	40~60% Load
18"	16"	14"
Tail & Take-up Pulley Diameter		
Tail Pulley		Take-up Pulley
15"		15"
Snub & Bend Pulley Diameter		
Snub Pulley		Bend Pulley
13"		13"

## 3ply 330# 3/16" x Bare

Part Numbers: BCON330/3-3060MOR



### Description

Belt Type:

Belt Designation:

Total Belt Gauge (inch)

Belt Weight (lbs/sq. ft.)

Min. Working Tension Rating

Elongation at break (%)

Elongation at 10% of breaking strength

Cover grade:

### Supplier Values

Polyester / Nylon

EP200 x 3PLY

0.342"

Approx 2.03 lbs

360 lbs/inch

15

1~1.5

MOR

Drive Pulley Diameter		
81~100% Load	61~80% Load	40~60% Load
18"	16"	14"
Tail & Take-up Pulley Diameter		
Tail Pulley		Take-up Pulley
15"		15"
Snub & Bend Pulley Diameter		
Snub Pulley		Bend Pulley
13"		13"

# Heavy Duty High Temp Belt

**3ply 330# 1/4" x 1/16"**

Part Numbers: BCON330/3-4160-700; BCON330/3-4136-700



## Description

Belt Type:

Belt Designation:

Total Belt Gauge (inch)

Belt Weight (lbs/sq. ft.)

Min. Working Tension Rating

Elongation at break (%)

Elongation at 10% of breaking strength

Cover grade:

ASTM D 412

Min. Tensile  
Strength

ASTM D 412

Min. Elongation at  
Break

DIN 53516

Abrasion Loss

ASTM D 412

Hardness (Shore A)

Cover Gauge

Top Cover (inch)

Bottom Cover (inch)

Temperature Ranges

Thickness of cover and tolerance

Packing type:

## Supplier Values

Polyester/Nylon

EP200 X 3PLY

0.475"

Approx 2.78 lbs

360 lbs/inch

15

1~1.5

HT700/EPDM

15.6 Mpa

415%

160 cu. mm

65 +/- 5 Duro

0.1875 / 0.25

0.0625

600~650°

700~750°

ASTM D 378

Wooden Cover / PP Cloth

Drive Pulley Diameter		
81~100% Load	61~80% Load	40~60% Load
22"	18"	16"
Tail & Take-up Pulley Diameter		
Tail Pulley		Take-up Pulley
19"		19"
Snub & Bend Pulley Diameter		
Snub Pulley		Bend Pulley
15"		15"



Our 700° High Temperature has superior heat resistance and the cover compound has excellent anti-aging, ozone, weather and chemical resistant properties.

# Rubber Conveyor Belt

## 2ply 220# 3/16" x 1/16" RMA Grade 2

Part Numbers: BCON220/2-3124; BCON220/2-3130;  
BCON220/2-3136; BCON220/2-3148

## 3ply 330# 3/16" x 1/16" RMA Grade 2

Part Numbers: BCON330/3-3130; BCON330/3-3136;  
BCON330/3-3148

## 4ply 440# 1/4" x 1/16" RMA Grade 2

Part Numbers: BCON440/4-4172; BCON440/4-4148



2ply 220#		
Drive Pulley Diameter		
81~100% Load	61~80% Load	40~60% Load
16"	14"	12"
Tail & Take-up Pulley Diameter		
Tail Pulley		Take-up Pulley
14"		14"
Snub & Bend Pulley Diameter		
Snub Pulley		Bend Pulley
11"		11"

3ply 330#		
Drive Pulley Diameter		
81~100% Load	61~80% Load	40~60% Load
18"	16"	14"
Tail & Take-up Pulley Diameter		
Tail Pulley		Take-up Pulley
15"		15"
Snub & Bend Pulley Diameter		
Snub Pulley		Bend Pulley
13"		13"

4ply 440#		
Drive Pulley Diameter		
81~100% Load	61~80% Load	40~60% Load
24"	20"	18"
Tail & Take-up Pulley Diameter		
Tail Pulley		Take-up Pulley
20"		20"
Snub & Bend Pulley Diameter		
Snub Pulley		Bend Pulley
17"		17"

### Description

Belt Type:

Belt Designation:

Total Belt Gauge (inch)

Belt Weight (lbs/sq. ft.)

Min. Working Tension Rating

Elongation at break (%)

Elongation at 10% of breaking strength

Cover grade:

ASTM D 412

ASTM D 412

DIN 53516

ASTM D 412

Cover Gauge

Thickness of cover and tolerance

Packing type:

### Supplier Values

Warp-Poly/Weft-Nylon

EP200 x 3PLY

0.3937 / 0.457

Approx 2.55 / 3.10

345 lbs/inch

15

1~1.5

RMA-2 Grade

15.6 Mpa

415%

160 cu. mm

65 +/- 5 Duro

0.1875 / 0.25

0.0.625

ASTM D 378

Wooden Cover / PP Cloth



Commonly used for sand and gravel, our standard duty heavy belts feature a Poly / Nylon carcass with a 10:1 safety factor and excellent fastener retention. Abrasion resistant Grade 2 covers round out a durable, long life belt that exceeds RMA specifications.

ASTM D 412	Min. Tensile Strength	2150 PSI
ASTM D 412	Min. Elongation at Break	420%
DIN 53516	Abrasion Loss	180 cu. mm
ASTM D 412	Hardness (Shore A)	65 +/- 5 Duro
Cover Gauge	Top Cover (inch)	0.1875
	Bottom Cover (inch)	0.
Oil Resistance (Volume Swell at ASTM #1 Oil)		11%
Thickness of cover and tolerance		ASTM D 378
Packing type:		Wooden Cover / PP Cloth



Commonly used in the wood products industry, our MOR series of belts feature a poly/nylon carcass with a full 10:1 service factor and moderately oil resistant covers.

## Other Products from Global Alliance Industrial Products, LLC

- **Industrial Hose (Tank Truck, Red Corrugated Tank Truck, Food Suction, UHMW Chemical, Water Suction, Water Discharge, Cement Discharge, Hot Air Blower, & Oilfield Suction)**
- **Metal Hose (Braided, 700, & P3)**
- **Sheet Rubber (Gum, Neoprene, Nitrile, Red SBR, Skirtboard, & EPDM)**
- **Gasket Material (Green Non Asbestos, Blue Non Asbestos, 9800, & 3500)**
- **Spiral Wound Gaskets (6000 IOR)**
- **Cut Gaskets (Standard & Special Cuts)**

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