

EDITION OCTOBER 2026

Rubber conveyor belts, built to spec

EP and EE fabric belting from 200 to 1250 kN/m, in six families of cover compound, made and tested in our plant in Jalandhar to IS 1891, DIN 22102 and ISO 14890.

1,750+

Belt designations

200–1250

kN/m ratings

300–1600

mm widths

9

Cover grades

1

General Purpose Belts

N17 and DIN-Y. The everyday workhorse.

2

Abrasion Resistant Belts

M24, DIN-X and DIN-W for punishing duty.

3

Heat Resistant Belts

T1, T2 and T3 to 150°C.

4

Oil Resistant Belts

DIN-G covers for oily duty.

5

Fire Resistant Belts

FR antistatic to ISO 340.

6

Food Grade Belts

White hygienic covers.

Photographs show typical duties for each family and are illustrative.



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THE RANGE

Everything we build, at a glance

Every belt is a carcass of EP or EE fabric plies under a top and bottom cover. Choose the family for the material, the rating for the tension, the plies for the pulleys and the covers for the wear. Every combination below has its own datasheet.

READING A DESIGNATION

EP Fabric EP polyester-nylon or EE polyester	630 Rating kN per metre of width	/4 Plies Fabric layers	6+2 Covers Top + bottom, mm	X Grade Cover compound
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RATINGS AND PLYS

Rating, kN/m	Plys	Supply
200	2	Regular
250	2 or 3	Regular
315	2 or 3	Regular
400	3 or 4	Regular
500	3 or 4	Regular
630	3 or 4	Regular
800	4 or 5	Regular
1000	4 or 5	On order
1250	5 or 6	On order

WIDTHS

300	400	500	600	650	800	1000
1200	1400	1600				

mm. Outlined widths on order. Other widths on request.

COVER THICKNESSES

1.5+1.5	2+1	3+1.5	4+2	5+2
6+2	6+3	8+2	8+3	10+3

Top + bottom cover, mm, drawn to scale around the carcass.

EP or EE

EP (polyester warp, nylon weft) troughs well and suits most conveyors. EE (polyester both ways) is stiffer across, for long or wet duties. Both build every rating listed.

Lengths

Supplied as open lengths cut to your order, in rolls sized for your conveyor and transport. Ask if you need a belt made endless.

Special builds

Widths, covers, ratings and compounds outside this catalogue are built to order. Send the duty and we confirm what we can make.



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BELT FAMILIES

232 designations

General Purpose Belts

N17 and DIN-Y. The everyday workhorse.

M grade and N grade rubber covers over an EP or EE fabric carcass. Crushed stone, sand, gravel, coal, fertiliser, grain and general plant duty.

RATINGS

200–1250 kN/m

FABRIC

EP and EE

TOP COVER

1.5–10 mm

EXAMPLE

EP 630/4 6+2 Y

Y

General purpose DIN-Y · IS 1891 N17

The workhorse grade for everyday material handling.

17 MPa tensile

400% elongation

≤ 200 mm³ abrasion

Abrasion Resistant Belts

M24, DIN-X and DIN-W for punishing duty.

424 designations

High tensile, high abrasion covers for sharp and heavy materials. Mines, quarries, crushers and sinter plants.

RATINGS

200–1250 kN/m

FABRIC

EP and EE

TOP COVER

1.5–10 mm

EXAMPLE

EP 630/4 6+2 X

X

High abrasion DIN-X · IS 1891 M24

For sharp, heavy and highly abrasive materials.

24 MPa tensile

450% elongation

≤ 150 mm³ abrasion

W

Super abrasion DIN-W

Maximum wear life where abrasion is extreme.

18 MPa tensile

400% elongation

≤ 90 mm³ abrasion



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BELT FAMILIES

Heat Resistant Belts

T1, T2 and T3 to 150°C.

600 designations

Heat resistant compounds for clinker, sinter, hot ash and foundry returns. Rated T1 to 100°C, T2 to 125°C and T3 to 150°C.

RATINGS
200–1250 kN/m

FABRIC
EP and EE

TOP COVER
3–10 mm

EXAMPLE
EP 630/4 6+2 T1

T1

Heat resistant T1 DIN-T · IS 1891 Pt 2 HR
Hot materials up to 100°C continuous.

up to 100°C

T2

Heat resistant T2 DIN-T · IS 1891 Pt 2 HR
Clinker, sinter and hot ash up to 125°C.

up to 125°C

T3

Super heat resistant T3 DIN-T · IS 1891 Pt 2 SHR
The hottest duties, up to 150°C continuous.

up to 150°C

Oil Resistant Belts

DIN-G covers for oily duty.

232 designations

Oil resistant covers that hold their grip and shape against mineral and vegetable oils. Oil seeds, timber, soap and chemical plants.

RATINGS
200–1250 kN/m

FABRIC
EP and EE

TOP COVER
1.5–10 mm

EXAMPLE
EP 630/4 6+2 G

G

Oil resistant DIN-G · IS 1891 Pt 4 OR
Mineral and vegetable oils, greases and solvents.



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BELT FAMILIES

200 designations

Fire Resistant Belts

FR antistatic to ISO 340.

Flame resistant, antistatic belting for power plants, coal handling and enclosed conveyors where safety codes demand it.

FR

Fire resistant antistatic DIN-S/K · IS 1891 Pt 5
Flame resistance to ISO 340 with antistatic covers.

RATINGS

200–1250 kN/m

FABRIC

EP and EE

TOP COVER

3–10 mm

EXAMPLE

EP 630/4 6+2 FR

88 designations

Food Grade Belts

White hygienic covers.

White food quality covers for sugar, grain, salt, spices and packaged food lines. Clean release and easy washdown.

FG

Food grade White FDA type
White hygienic covers for food contact duty.

RATINGS

200–630 kN/m

FABRIC

EP and EE

TOP COVER

1.5–5 mm

EXAMPLE

EP 500/3 2+1 FG



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CONSTRUCTIONS

Every rating, its plies, covers and grades

One row per construction, the same in EP and EE fabric. Thickness and weight run from the thinnest to the thickest covers that construction takes.

Build	Carcass mm	Covers available top + bottom, mm	Grades	Thickness mm	Weight kg/m ²
200/2	2.4	1.5+1.5 2+1 3+1.5 4+2	Y X G FG T1 T2 T3 FR	5.4–8.4	5.6–8.9
250/2	2.7	1.5+1.5 2+1 3+1.5 4+2	Y X G FG T1 T2 T3 FR	5.7–8.7	6.0–9.3
250/3	3.8	1.5+1.5 2+1 3+1.5 4+2	Y X G FG T1 T2 T3 FR	6.8–9.8	6.7–10.0
315/2	3.0	1.5+1.5 2+1 3+1.5 4+2	Y X G FG T1 T2 T3 FR	6.0–9.0	6.5–9.8
315/3	4.3	1.5+1.5 2+1 3+1.5 4+2	Y X G FG T1 T2 T3 FR	7.3–10.3	7.3–10.6
400/3	4.7	2+1 3+1.5 4+2 5+2 6+2 6+3 8+2 8+3	Y X W G FG T1 T2 T3 FR	7.7–15.7	8.0–17.0
400/4	5.2	2+1 3+1.5 4+2 5+2 6+2 6+3 8+2 8+3	Y X W G FG T1 T2 T3 FR	8.2–16.2	7.8–16.7
500/3	5.3	2+1 3+1.5 4+2 5+2 6+2 6+3 8+2 8+3	Y X W G FG T1 T2 T3 FR	8.3–16.3	8.9–17.9
500/4	5.8	2+1 3+1.5 4+2 5+2 6+2 6+3 8+2 8+3	Y X W G FG T1 T2 T3 FR	8.8–16.8	8.6–17.5
630/3	6.1	2+1 3+1.5 4+2 5+2 6+2 6+3 8+2 8+3	Y X W G FG T1 T2 T3 FR	9.1–17.1	9.7–18.6
630/4	6.4	2+1 3+1.5 4+2 5+2 6+2 6+3 8+2 8+3	Y X W G FG T1 T2 T3 FR	9.4–17.4	9.6–18.5
800/4	7.2	3+1.5 4+2 5+2 6+2 6+3 8+2 8+3 10+3	Y X W T1 T2 T3 FR G	11.7–20.2	12.4–22.0
800/5	8.1	3+1.5 4+2 5+2 6+2 6+3 8+2 8+3 10+3	Y X W T1 T2 T3 FR G	12.6–21.1	12.8–22.3
1000/4 order	8.2	3+1.5 4+2 5+2 6+2 6+3 8+2 8+3 10+3	Y X W T1 T2 T3 FR G	12.7–21.2	13.4–23.0
1000/5 order	9.1	3+1.5 4+2 5+2 6+2 6+3 8+2 8+3 10+3	Y X W T1 T2 T3 FR G	13.6–22.1	14.3–23.8
1250/5 order	10.4	3+1.5 4+2 5+2 6+2 6+3 8+2 8+3 10+3	Y X W T1 T2 T3 FR G	14.9–23.4	15.5–25.1
1250/6 order	12.5	3+1.5 4+2 5+2 6+2 6+3 8+2 8+3 10+3	Y X W T1 T2 T3 FR G	17.0–25.5	17.6–27.2

Why some grades skip some builds

Heat and fire resistant grades need a top cover of 3 mm or more, food grade runs to 630 kN/m and 5 mm covers, and super abrasion starts at 400 kN/m. These are the builds that make sense, not limits of the plant.

Values are nominal

Thickness and weight are calculated for each build and confirmed on its datasheet and test certificate. Weight includes about 1.12 kg/m² for every mm of cover.



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THICKNESS AND WEIGHT

Every build, every cover

Find the construction down the side and the covers across the top. Each cell gives total thickness in mm over weight in kg/m². A blank cell is a cover the construction does not take.

Build	1.5+1.5	2+1	3+1.5	4+2	5+2	6+2	6+3	8+2	8+3	10+3
200/2	5.4 5.6	5.4 5.6	6.9 7.2	8.4 8.9						
250/2	5.7 6.0	5.7 6.0	7.2 7.6	8.7 9.3						
250/3	6.8 6.7	6.8 6.7	8.3 8.3	9.8 10.0						
315/2	6.0 6.5	6.0 6.5	7.5 8.1	9.0 9.8						
315/3	7.3 7.3	7.3 7.3	8.8 8.9	10.3 10.6						
400/3		7.7 8.0	9.2 9.7	10.7 11.4	11.7 12.5	12.7 13.6	13.7 14.7	14.7 15.9	15.7 17.0	
400/4		8.2 7.8	9.7 9.4	11.2 11.1	12.2 12.2	13.2 13.4	14.2 14.5	15.2 15.6	16.2 16.7	
500/3		8.3 8.9	9.8 10.6	11.3 12.3	12.3 13.4	13.3 14.5	14.3 15.6	15.3 16.8	16.3 17.9	
500/4		8.8 8.6	10.3 10.2	11.8 11.9	12.8 13.0	13.8 14.2	14.8 15.3	15.8 16.4	16.8 17.5	
630/3		9.1 9.7	10.6 11.3	12.1 13.0	13.1 14.1	14.1 15.3	15.1 16.4	16.1 17.5	17.1 18.6	
630/4		9.4 9.6	10.9 11.2	12.4 12.9	13.4 14.0	14.4 15.2	15.4 16.3	16.4 17.4	17.4 18.5	
800/4			11.7 12.4	13.2 14.1	14.2 15.2	15.2 16.4	16.2 17.5	17.2 18.6	18.2 19.7	20.2 22.0
800/5			12.6 12.8	14.1 14.5	15.1 15.6	16.1 16.7	17.1 17.8	18.1 19.0	19.1 20.1	21.1 22.3
1000/4			12.7 13.4	14.2 15.1	15.2 16.2	16.2 17.4	17.2 18.5	18.2 19.6	19.2 20.7	21.2 23.0
1000/5			13.6 14.3	15.1 16.0	16.1 17.1	17.1 18.2	18.1 19.3	19.1 20.5	20.1 21.6	22.1 23.8
1250/5			14.9 15.5	16.4 17.2	17.4 18.3	18.4 19.5	19.4 20.6	20.4 21.7	21.4 22.8	23.4 25.1
1250/6			17.0 17.6	18.5 19.3	19.5 20.4	20.5 21.6	21.5 22.7	22.5 23.8	23.5 24.9	25.5 27.2

Roll weight = width (m) × length (m) × kg/m². Example: a 1000 mm belt of 630/4 6+2, 200 m long, weighs about 1.0 × 200 × 15.2 = 3040 kg.



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STANDARDS

Built to a named standard

IS 1891 Part 1	Conveyor belting, general use
IS 1891 Part 2	Heat resistant belting
IS 1891 Part 4	Oil resistant belting
IS 1891 Part 5	Fire resistant belting
DIN 22102	Textile belting, German standard
ISO 14890	Textile belting, international
ISO 251	Belt widths and lengths
ISO 340	Flame resistance test
ISO 283	Adhesion test
IS 10066 / ISO 4649	Abrasion test

QUALITY

Six stages, each checked

- 1 Compounding
- 2 Calendering
- 3 Building
- 4 Press curing
- 5 Trimming and inspection
- 6 Testing

A test certificate with every supply. Inspection before dispatch welcome, by you or a third party.

ORDERING

What to send for a quotation

- 1 **Designation**, or the material, temperature and lump size
- 2 **Width and length**, or the pulley centres and diameters
- 3 **Quantity**, belts or rolls, and the joint
- 4 **Standard**, if your tender names one
- 5 **Date**, delivery or shutdown date

The Conveyor Data Form (BR-FM-01) covers it all on two pages.

MORE DOCUMENTS

The rest of the set

Company Brochure	BR-CO-01
Reinforcement Fabric Chart	BR-TD-01
Rubber Sheet	BR-PD-07
Cover Grade Chart	BR-TD-02
ISO 9001:2000 Certificate	BR-QA-01
Conveyor Data Form	BR-FM-01
Belt Care & Installation Guide	BR-GD-01

All at bostonrubbers.com/downloads

Talk to the people who make the belt

A written quotation with datasheets, usually the same working day.

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