

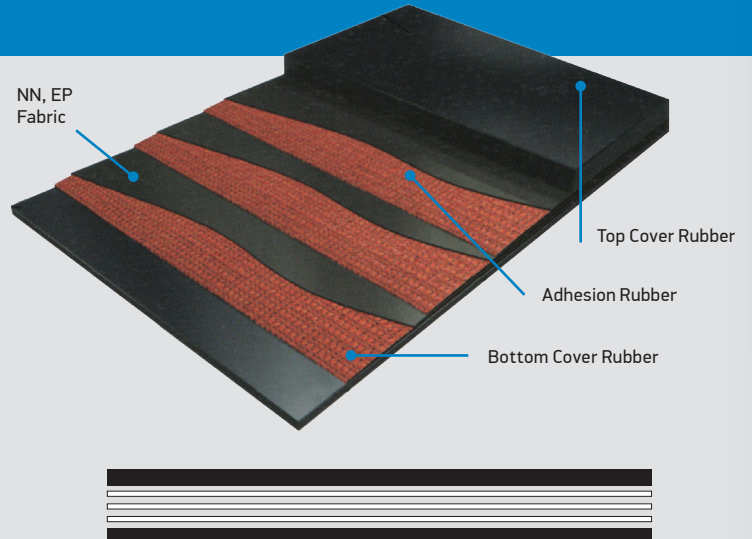


Rubber Conveyor Belts  
Anti-Abrasion



# Anti-Abrasion Conveyor Belts

• The carcass construction and cover quality of these belts are noted for their reliability and long life in all industrial applications either for general purposes or handling of sharp-edged and extremely abrasive materials.



## STRUCTURE

Our renowned multi-ply EP carcass (warp polyester + weft nylon).

Special rubber layer with good fabric adhesion properties (skimmed layer).

High abrasion resistant cover quality for heavy duty application or special quality of cover on request.

## MATERIAL QUALITY

### Nylon

- Highly flexible.
- Highly resistant against impact.
- Highly bendable.

### Polyester

- Less elongation.
- Less deformed by heat.
- Less affected by moisture.

## APPLICATION GROUPS

- Sand, gravel, stone industry
- Cement, concrete plants
- Heating and power stations, garbage incineration plants
- Road construction machinery
- Recycling, compost industry, mineral processing plants
- Timber industry and sawmills
- Slag conveyors
- REA-gypsum
- Broken glass
- Silica sand or materials containing silica sand
- Ascending conveyors with slipping type of material
- Clay

## TYPE OF COVER

	AB	EA	EAS	EAH	EAL	EALS
<b>APPLICATION</b>	High abrasion resistant cover for general purpose	High abrasion resistant cover for heavy duty application	High abrasion resistant cover for extraordinary abrasive materials	For conveying extraordinary abrasive and extremely sharp materials	For conveying extraordinary abrasive materials or wear due to belt cleaning (REA - gypsum)	For conveying extremely abrasive materials
<b>ABRASION</b>	< 150 mm <sup>3</sup>	< 120 mm <sup>3</sup>	< 90 mm <sup>3</sup>	< 90 mm <sup>3</sup>	< 55 mm <sup>3</sup>	< 35 mm <sup>3</sup>
<b>HARDNESS</b>	60 +/- 5 Sh <sup>o</sup> A	65 +/- 5 Sh <sup>o</sup> A	62 +/- 5 Sh <sup>o</sup> A	75 +/- 5 Sh <sup>o</sup> A	62 +/- 5 Sh <sup>o</sup> A	62 +/- 5 h <sup>o</sup> A
<b>AMBIENT TEMPERATURE</b>	-50°C ... +60°C	-50°C ... +60°C	-50°C ... +60°C	-50°C ... +60°C	-50°C ... +60°C	-50°C ... +60°C

## INTERNATIONAL COVER RUBBER STANDARD

Standard	Rubber Grade	Tensile Strength (N/mm)	Breaking Elongation % min.	Abrasion mm <sup>3</sup> max.
<b>DIN GERMANY</b>	W	18	400	90
	X	25	450	120
	Y	20	400	150
	Z	15	350	250
<b>ISO INTERNATIONAL</b>	H	24	450	120
	D	18	400	100
	L	15	350	200
<b>AS AUSTRALIA</b>	A	173	400	70
	E	143	300	
	F	143	300	
	M	245	450	125
	N	173	450	200
	S	143	300	250
<b>RMA AMERICA</b>	GRADE 1	176	400	200
	GRADE 2	141	400	250



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