SPECTRUM™ CONVEYOR BELTING · CEMENT

We burn the competition.

The ACT Group
Environmental Services Division

BULK MATERIAL HANDLING · SINCE 1991

SPECTRUM™ BELTING SOLUTIONS

Heavy-duty black belt, stocked locally, priced to move.

Our locally stocked conveyor belt inventory is ready for the most demanding cement plant requirements on the West Coast. Spectrum™ belting holds up to the most punishing applications and operating conditions — including the high temperatures of clinker, kiln discharge and cooler service. Belting is manufactured to ISO, RMA and CEMA standards, with polyester/polyamide fabric, standard woven or straight-warp carcass options, and abrasion, temperature-resistant and MOR cover options — customized to the application and **stocked locally in Fontana**.



Hot clinker on Spectrum-Heat high-temperature belting.

Stocked inventory

SPECTRUM GRADE II

- 2 Ply 220 3/16" × 1/16" — 24" thru 36"
- 3 Ply 330 3/16" × 1/16" — 24" thru 36"

SPECTRUM-FLEX (STRAIGHT WARP)

- Single Ply 400 1/4" × 1/8" — 36" & 48"

SPECTRUM-HEAT (HIGH TEMP)

- 2 Ply 220 3/16" × 1/16"
- 3 Ply 330 1/4" × 1/16"

Beyond the belt

IN-HOUSE SERVICES

- Mechanical and hot-vulcanized splices
- Hidden (recessed) splices
- Endless belt fabrication
- Bucket elevator punching and mounting

FIELD SERVICES

- Conveyor belt removal and rewind
- Stringing of new belting
- Mechanical and vulcanized splicing
- Belt tracking and training

20,000 ft	18"–60"	ISO·RMA·CEMA	24/7
CONVEYOR BELTING IN STOCK	VULCANIZING CAPABILITY	MANUFACTURING STANDARDS	EMERGENCY FIELD RESPONSE

Call for your application-specific belt quotation.

Tell us the plant, the conveyor and the material — you will get a real person and a belt that fits the system, not just a price per foot. Factory-direct belting available for significant lengths or challenging applications.

T (888) 480-0680
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Built to spec. On the shelf.

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TEXTILE CARCASS OPTIONS

Six carcass types. Two stocked locally.

ACT offers six types of textile conveyor belts for the transport of bulk and other materials. Belts are recommended and designed to fit the conveying system parameters, the nature of the material transported, and the targeted belt life expectancy. The two most common carcasses — and the ones stocked locally — are Spectrum Grade II and Spectrum-Flex.

SPECTRUM Grade II

A conventional ply belt: textile layers bound together by a thin layer of rubber and two covers. The workhorse for everyday conveying.

SPECTRUM-Flex

A straight-warp textile belt — polyester warp protected on both sides by a polyamide weft. Excellent tear resistance and outstanding under heavy impact.

COVER CHARACTERISTICS

Designation	US Compliance	Application	Abrasion (mm^3)	Breaking Strength (Mpa)	Breaking Elongation (%)	Temperature	Composition
Grade II Covers	RMA2	Moderately abrasive materials with low granularity	<150	>14	>400	13°F–176°F	SBR / BR
DIN Y Covers	RMA1	Abrasive materials with medium granularity	<150	>20	>400	13°F–176°F	NR/SBR/BR

RECOMMENDED MINIMUM PULLEY DIAMETERS

SPECTRUM Grade II

Tensile Strength N/mm	315	400	500	630	800	1000	1250	1400	1600
Number of Plies	2	3	3	4	4	4	4	4	4
Pulley Type A	10in	12in	16in	20in	24in	32in	32in	40in	50in
Pulley Type B	8in	10in	12in	16in	20in	24in	32in	32in	40in

SPECTRUM-Flex

Tensile Strength N/mm	400	500	630	800	800	1000	1000	1250	1600
Number of Plies	1	1	1	1	2	1	2	2	2
Pulley Type A	12in	12in	12in	20in	24in	24in	32in	32in	40in
Pulley Type B	10in	10in	10in	16in	20in	20in	24in	24in	32in

Not sure which carcass or cover you need?

Tell us the plant, the conveyor and the material — you will get a real person and a belt that fits the system, not just a price per foot. Factory-direct belting available for significant lengths or challenging applications.

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