



Industrial plants in the modern world are constantly struggling for better performance and higher quality. Contiflex® Food grade conveyor belts create a new standard for safety, quality and productivity in the food processing plants and in food material industries.

ContiTech Conveyor Belt Group is a part of Continental corporation, and we are a global technology leader and the world's largest manufacturer of high-quality conveyor belts. As an experienced partner of OEMs, distributors and end-users we can promise the perfect fit to your conveying needs.

ContiTech

Conveyor Belt Group

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The ContiTech division of the Continental Corporation is a development partner and original equipment supplier to numerous industries for high-quality functional parts, components and systems. With its know-how in rubber and plastics technology, ContiTech contributes significantly to industrial progress and mobility that is safe, comfortable and eco-friendly.

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CONTIFLEX® FOOD GRADE BELTS

High-Quality Conveyor Belts for Food Handling



SUGAR

- Factories, warehouses and ports
- Flame resistant and static conductive if requested
- Grade: white ALGK and ALG



CEREALS, MALT, FLOUR

- Warehouses, mills and breweries
- Flame resistant and static conductive if requested
- Grade: white ALGK and ALG



SALT

- Salt mines and production units
- Temperature resistant if requested
- Grade: white AT, ALGK and ALG



OLIVES

- Olive handling and processing
- Good oil resistance
- Grade: green GAO

CONTIFLEX® Food Grade Belts

A standard for food handling

In the food industry the belts must conform to strict international standards when getting into direct contact with food itself. Synonymous with quality, Contiflex® Food Grade Belts are designed to meet even the strictest criteria for a wide range of different food material handling. Acknowledged by many customers, our food grade belts exceed the conventional PVC belts in durability especially in case of higher capacities conveyed.

In-house developed and thoroughly tested rubbers used in Contiflex® Food Grade Belts have good abrasion resistance and outperforming impact resistance compared to other belting solutions. This creates savings for the customers from unplanned maintenance costs and harmful production losses. As such, they offer a cost-effective solution to ensure high performance. Because of their improved life cycle, our Contiflex® Food Grade Belts support more environmentally friendly operations for our customers processes.

White Food Grades

ALG, ALGK

The two of our white oil-resistant belts are well suited for food processing applications like sugar and malt handling. The ALGK variant additionally features flame-resistant and static conductive covers and is therefore also suitable for ATEX certified environments. The ALG and ALGK variants both comply with European norms regarding food processing (EC 1935/2004 and BfR XXI, category 4). ALGK also complies with the FDA21 CFR 177.2600 standard.

TERMO AT

AT is a white, heat-resistant (120°C) belt quality for the food industry and it complies with the food grade standard (BfR XXI, category 3). AT is often used e.g. in applications where steam cleaning or warm process takes place.

Green Food Grade

GAO

Belt with green oil-resistant covers comply with food grade standards BfR XXI, category 4 and FDA21 CFR 177.2600. GAO is used e.g. in olive handling, and often in inclining conveyors. In order to prevent the material sliding back different cleat designs can be used.

Cover rubber properties		ALG	ALGK	AT	GAO
Tensile strength	Mpa	>15	>11	>7	>13
Elongation at break	%	>500	>500	>500	>500
Abrasion	mm3	<200	<300	<320	<200
Hardness	ShA	62 +/-5	72 +/-5	53 +/-5	60 +/-5
Operating temperature	°C	-20...70	-20...70	-20...120	-20...60
Elastomer		NBR/CR	NBR/PVC	NBR	NBR
Antistatic		No	Yes	No	No
Colour		White	White	White	Green
ATEX					
Static conductive	ISO 284	-	+	-	-
Flame resistant	ISO 340	-	+	-	-
Suitable for ATEX environment		-	+	-	-
Food grade standards					
EC 1935 / 2004		+	+	-	+
BfR XXI, category 3		+	+	+	-
BfR XXI, category 4		+	+	+	+
FDA 21 CFR 177.2600		-	+	-	+