

CONTIFLEX® OIL
Textile Conveyor Belts
for Oily or Greasy Materials

Conveyor Belt Group



CONTIFLEX® OIL textile conveyor belts with covers resistant to oily or greasy materials

ContiTech Conveyor Belt Group

We are manufacturers of textile and steel cable conveyor belts, special products and service material – for use in mining, mechanical engineering, machine construction and many other industries. At our Northeim plant, one of the most modern of its kind, we ensure consistently high quality. Every order is backed by our comprehensive customer service program that includes providing useful advice on planning and application engineering, installing the belt, starting up the conveyor and maintaining the belt on-site.



Tried and tested in various applications

- Recycling plants
- Woodworking/saw mill
- Fertiliser
- Chemical industry
- Cooperatives and agriculture
- Foodstuffs industry
- Garbage dressing and composting
- Millwork
- Oil sand

Properties/quality values of covers

Cover designation	Mechanical stressing by conveyed materials	Chemical stressing by oil/grease content in conveyed materials	Tear resistance in N/mm ² 2)	Elongation at tear as % 2)	Abrasion in mm ³ 2)	Permitted temperature range of transported material in °C		Max. swelling in ASTM oil 3 at 20°C in % of vol.	Main polymer	Special properties
						min.	max. 3)			
OIL GM	+	O	19	500	110	-30	+ 70	60	NBR/SBR	
OIL	-	+	17	600	170	-20	+125	5	NBR	Withstands temperatures up to 130°C
OIL GMS	+	O	18	460	140	-25	+ 70	40	NBR/SBR	Flame retardant EN 20340/EN 12882
OIL GS	-	+	19	500	230	-15	+120	5	NBR	Flame retardant EN 20340/EN 12882
OIL GY	++	++	23	650	130	-15	+ 90	3	NBR	Resistant to cuts and abrasion
OIL GA	O	++	10	620	300	-20	+140	3	NBR	Light-colour, suitable for foodstuffs (recommendation 21 of BGA ¹⁾) and withstands temperatures up to 140°C
OIL GR	+	O	19	600	85	-50	+ 90	60	NBR	Suitable for low temperatures
OIL GV	O	-	10	300	250	-15	+200	60	EAM	Halogen-free, low fuming, suitable for high temperatures, hardly inflammable

1) BGA= Federal Health Office in Germany

2) Statistical mean value

3) The permitted temperature range also depends on how the belt is exposed to the temperature.

The permitted temperature is lower in the case of closed systems (e.g. elevator belt, pipe conveyor).

++ = very good

+ = good

O = average

- = limited

-- = bad

Product range

CONTIFLEX® textile conveyor belts with EP ply reinforcement are available in widths of up to 3200 mm with a belt strength of EP 250/2 to EP 3150/5. The cover thicknesses can be selected to accord with the intended application. Refer to the respective stock lists for information on the TransConti® and CONTIFLEX® conveyor belts immediately available.

The types of TransConti® and CONTIFLEX® conveyor belts kept in stock are shown in published lists.

Splicing with high-grade materials

Conveyor belts with covers resistant to oily or greasy materials should be spliced exclusively with ContiTech splicing materials to ensure an optimum splice strength and service life.



www.contitech.de/conveyorbelts



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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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