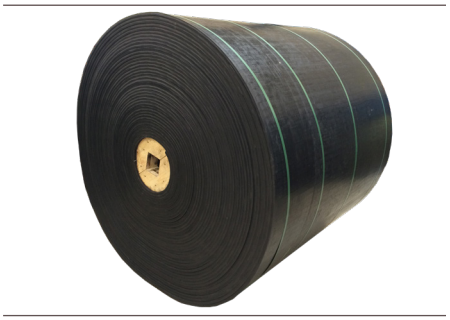

TECHNICAL SPECIFICATIONS - SYNTIFLEX "HIGH HEAT" CONVEYOR BELT

	Unit/testing standard	400/4
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		4
Type per ply		EP 100
Belt thickness nom.	mm	13,5
Rubber covers top nom.	mm	7
Rubber covers bottom nom.	mm	3
Belt weight nom.	kg/m²	14,3
Properties		
Tensile strength	N/mm	>400
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>4,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	EPDM
Oil and fat resistance		no
Swelling in oil IRM 903	72u / 70° C. in %	does not apply
Tensile strength	Mpa	>12
Elongation	%	>400
Hardness (+/- 5°)	° Shore A	60 +/- 5
Abrasion resistance	mm³	<150
Additional properties		
Operational product temperature	°C.	-20/+180
Occasional operational peak temperature	°C.	+200° C
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant	ISO conform	no
Minimum pulley diameter drive/deflection	mm	400 / 315

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 and DIN 53479

Shown values are average values.

CONVEYOR BELT

SYNTIFLEX® HIGH HEAT RESISTANT QUALITY

For high temperature applications Muller Beltex offers their Syntiflex rubber textile conveyor belting with EPDM rubber for transport of materials such as clincker, coke, foundry sand and slag. The Syntiflex conveyor belt with EPDM rubber can be used for transport of material at continuous temperatures up to +180° C. and occasional peaks up to +200° C.

Applications

- clincker
- coke
- foundry sand
- slag

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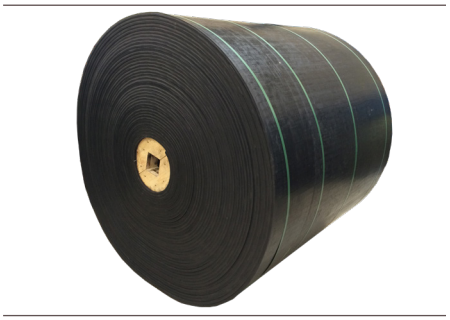


TECHNICAL SPECIFICATIONS - PETROFLEX CONVEYOR BELT

	Unit/testing standard	500/3
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		3
Type per ply		EP 160
Belt thickness nom.	mm	10.5
Rubber covers top nom.	mm	5
Rubber covers bottom nom.	mm	2
Belt weight nom.	kg/m²	13,3
Properties		
Tensile strength	N/mm	>400
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>4,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	SBR, DIN-Y
Oil and fat resistance		no
Swelling in oil IRM 903	72u / 70° C. in %	>5
Tensile strength	Mpa	>12
Elongation	%	>400
Hardness (+/- 5°)	° Shore A	65 +/- 5
Abrasion resistance DIN 53516	mm³	<150
Additional properties		
Operational product temperature	°C.	-30/+60
Occasional operational peak temperature	°C.	does not apply
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant ISO 340	ISO conform	yes for K
Minimum pulley diameter drive/deflection	mm	400 / 315

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 DIN 53479 ISO 284 and ISO 340

Shown values are average values.

CONVEYOR BELT

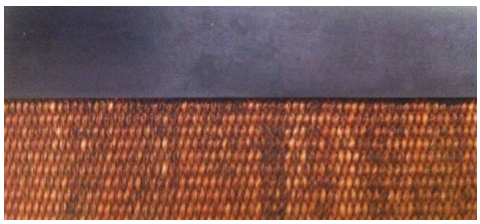
SYNTIFLEX SBR® ABRASION

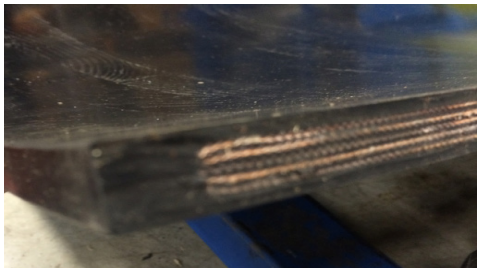
RESISTANT QUALITY Y-K

For wear-resistant applications under normal operating conditions Muller Beltex offers their Syntiflex rubber textile conveyor belting with SBR DIN-Y rubber for transport of materials such as sand and gravel.
The Syntiflex conveyor belt with SBR DIN-Y rubber is the belt of choice for general conveyor technology: DIN22102, anti-static, ISO 284 flame retardent K (ISO340)

Applications

- sand
- gravel
- glass cullets
- lime stone
- sugar cane





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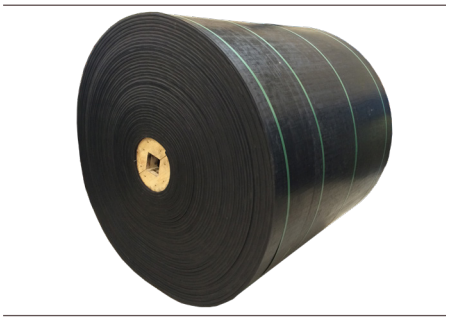


TECHNICAL SPECIFICATIONS - SYNTIFLEX CONVEYOR BELT

	Unit/testing standard	630/5
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		5
Type per ply		EP 125
Belt thickness nom.	mm	13
Rubber covers top nom.	mm	5
Rubber covers bottom nom.	mm	2
Belt weight nom.	kg/m²	16,37
Properties		
Tensile strength	N/mm	>630
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>4,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	SBR DIN-Y
Oil and fat resistance		no
Swelling in oil IRM 903	72u / 70° C. in %	does not apply
Tensile strength	Mpa	>12
Elongation	%	>400
Hardness (+/- 5°)	° Shore A	65 +/- 5
Abrasion resistance	mm³	<150
Additional properties		
Operational product temperature	°C.	-30/+60
Occasional operational peak temperature	°C.	does not apply
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant	ISO conform	no
Minimum pulley diameter drive/deflection	mm	630 / 500

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 and DIN 53479

Shown values are average values.

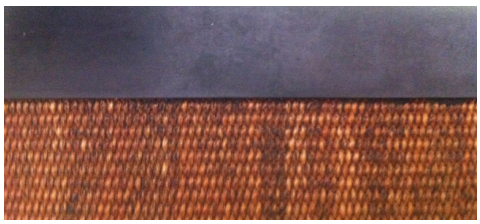
CONVEYOR BELT

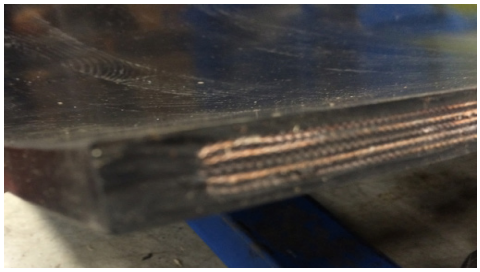
SYNTIFLEX® ABRASION RESISTANT QUALITY

For wear-resistant applications under normal operating conditions Muller Beltex offers their Syntiflex rubber textile conveyor belting with SBR DIN-Y rubber for transport of materials such as sand and gravel.
The Syntiflex conveyor belt with SBR DIN-Y rubber is the belt of choice for general conveyor technology.

Applications

- sand
- gravel
- glass cullets
- lime stone
- chalk





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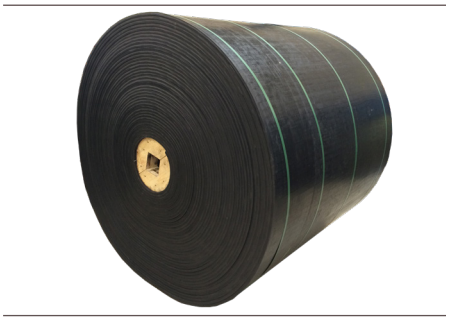


TECHNICAL SPECIFICATIONS - PETROFLEX CONVEYOR BELT

	Unit/testing standard	400/3
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		3
Type per ply		EP 150
Belt thickness nom.	mm	6,6
Rubber covers top nom.	mm	2
Rubber covers bottom nom.	mm	1,6
Belt weight nom.	kg/m²	8,28
Properties		
Tensile strength	N/mm	>400
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>4,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	NBR
Oil and fat resistance		yes
Swelling in oil IRM 903	72u / 70° C. in %	<5
Tensile strength	Mpa	>12
Elongation	%	>400
Hardness (+/- 5°)	° Shore A	65 +/- 5
Abrasion resistance	mm³	<200
Additional properties		
Operational product temperature	°C.	-20/+100
Occasional operational peak temperature	°C.	does not apply
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant	ISO conform	no
Minimum pulley diameter drive/deflection	mm	315 / 250

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 and DIN 53479

Shown values are average values.

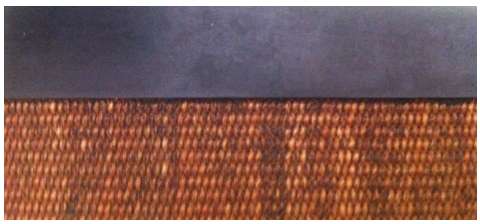
CONVEYOR BELT

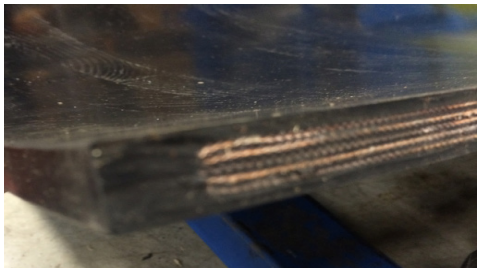
PETROFLEX® OIL AND FAT RESISTANT QUALITY

Muller Beltex offers a total range of rubber conveyor belts that are resistant to oil, grease and terpene. Petroflex NBR rubber conveyor belting is designed for use in highly aggresive oily environments. The synthetic fabric reinforcement is impervious to oil, turps, moisture and rot. The covers are made of oil-terpene-resistant black rubber, so that they retain their shape, hardness and surface characteristics

Applications

- raw materials for animal feed
- rapeseed
- soybeans
- woodchips
- fertilizer





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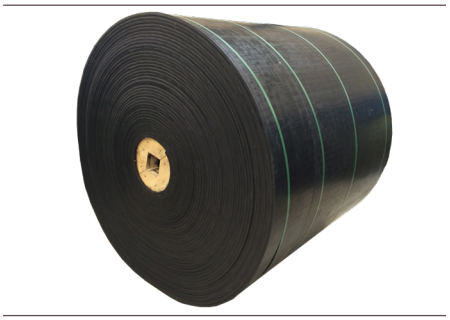

TECHNICAL SPECIFICATIONS - PETROFLEX CONVEYOR BELT

	Unit/testing standard	500/4
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		4
Type per ply		EP 125
Belt thickness nom.	mm	10
Rubber covers top nom.	mm	4
Rubber covers bottom nom.	mm	2
Belt weight nom.	kg/m²	12,6
Properties		
Tensile strength	N/mm	>500
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>4,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	NBR
Oil and fat resistance		yes
Swelling in oil IRM 903	72u / 70° C. in %	<5
Tensile strength	Mpa	>12
Elongation	%	>400
Hardness (+/- 5°)	° Shore A	65 +/- 5
Abrasion resistance	mm³	<200
Additional properties		
Operational product temperature	°C.	-20/+100
Occasional operational peak temperature	°C.	does not apply
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant	ISO conform	no
Minimum pulley diameter drive/deflection	mm	500 / 400

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 and DIN 53479

Shown values are average values.

CONVEYOR BELT

PETROFLEX® OIL AND FAT RESISTANT QUALITY

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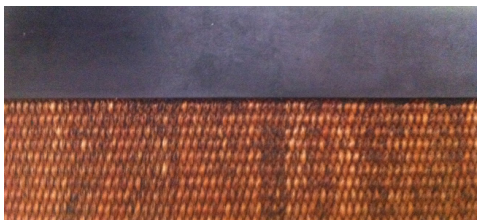
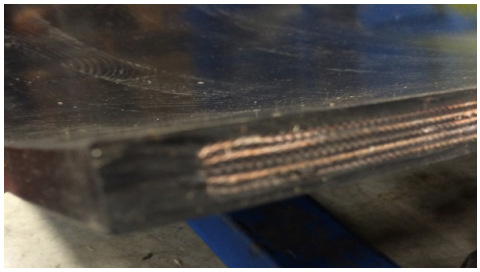
Applications

- raw materials for animal feed
- rapeseed
- soybeans
- woodchips
- fertilizer





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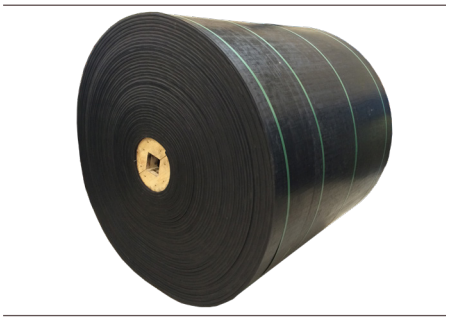


TECHNICAL SPECIFICATIONS - SYNTIFLEX CONVEYOR BELT

	Unit/testing standard	500/3
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		3
Belt thickness nom.	mm	11,5
Rubber covers top nom.	mm	5
Rubber covers bottom nom.	mm	3
Belt weight nom.	kg/m^2	11,85
Properties		
Tensile strength	N/mm	>500
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>3,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	SBR DIN-Y
Oil and fat resistance		no
Swelling in oil IRM 903	72u / 70° C. in %	does not apply
Tensile strength	Mpa	>12
Elongation	%	>400
Hardness (+/- 5°)	° Shore A	65 +/- 5
Abrasion resistance	mm^3	<150
Additional properties		
Operational product temperature	°C.	-20/+70
Occasional operational peak temperature	°C.	does not apply
Anti-static $<3.10^8$	Ω ISO conform	yes
Flame retardant	ISO conform	no
Minimum pulley diameter drive/deflection	mm	400 / 315

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 and DIN 53479

Shown values are average values.

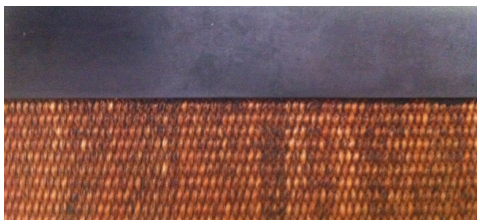
CONVEYOR BELT

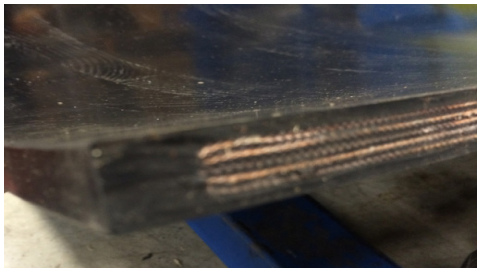
SYNTIFLEX® ABRASION RESISTANT QUALITY

For wear-resistant applications under normal operating conditions Muller Beltex offers their Syntiflex rubber textile conveyor belting with SBR DIN-Y rubber for transport of materials such as sand and gravel.
The Syntiflex conveyor belt with SBR DIN-Y rubber is the belt of choice for general conveyor technology.

Applications

- sand
- gravel
- glass cullets
- lime stone
- chalk





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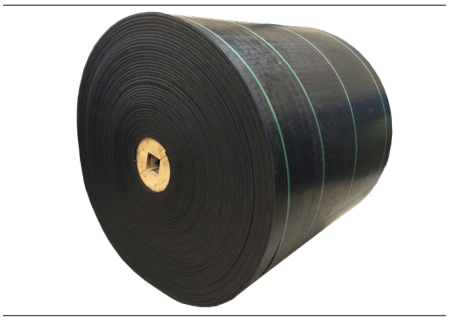


TECHNICAL SPECIFICATIONS - PETROFLEX CONVEYOR BELT

	Unit/testing standard	400/2
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		2
Type per ply		EP 200
Belt thickness nom.	mm	5,5
Rubber covers top nom.	mm	2
Rubber covers bottom nom.	mm	1
Belt weight nom.	kg/m²	8,33
Properties		
Tensile strength	N/mm	>400
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>4,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	NBR
Oil and fat resistance		yes
Swelling in oil IRM 903	72u / 70° C. in %	<5
Tensile strength	Mpa	>12
Elongation	%	>400
Hardness (+/- 5°)	° Shore A	65 +/- 5
Abrasion resistance	mm³	<180
Additional properties		
Operational product temperature	°C.	-20/+100
Occasional operational peak temperature	°C.	does not apply
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant	ISO conform	no
Minimum pulley diameter drive/deflection	mm	250 / 200

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 and DIN 53479

Shown values are average values.

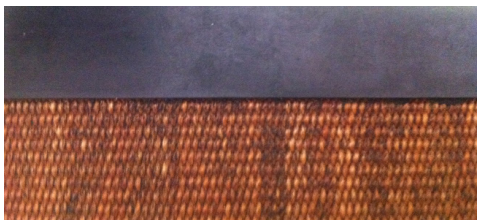
CONVEYOR BELT

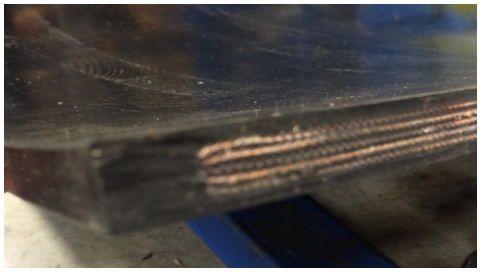
PETROFLEX® OIL AND FAT RESISTANT QUALITY

Muller Beltex offers a total range of rubber conveyor belts that are resistant to oil, grease and terpene. Petroflex NBR rubber conveyor belting is designed for use in highly aggresive oily environments. The synthetic fabric reinforcement is impervious to oil, turps, moisture and rot. The covers are made of oil-terpene-resistant black rubber, so that they retain their shape, hardness and surface characteristics

Applications

- raw materials for animal feed
- rapeseed
- soybeans
- woodchips
- fertilizer





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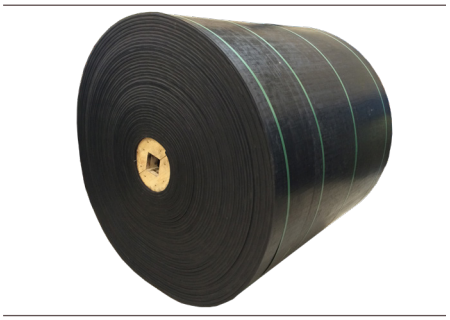


TECHNICAL SPECIFICATIONS - SYNTIFLEX "HIGH HEAT" CONVEYOR BELT

	Unit/testing standard	630/4
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		4
Type per ply		EP 160
Belt thickness nom.	mm	12
Rubber covers top nom.	mm	5
Rubber covers bottom nom.	mm	2
Belt weight nom.	kg/m²	14,8
Properties		
Tensile strength	N/mm	>400
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>4,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	EPDM
Oil and fat resistance		no
Swelling in oil IRM 903	72u / 70° C. in %	does not apply
Tensile strength	Mpa	>12
Elongation	%	>400
Hardness (+/- 5°)	° Shore A	65 +/- 5
Abrasion resistance	mm³	<150
Additional properties		
Operational product temperature	°C.	-20/+180
Occasional operational peak temperature	°C.	+200° C
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant	ISO conform	no
Minimum pulley diameter drive/deflection	mm	500 / 400

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 and DIN 53479

Shown values are average values.

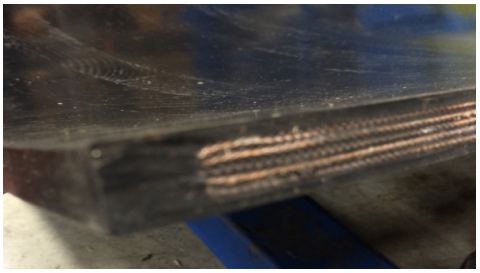
CONVEYOR BELT

SYNTIFLEX® HIGH HEAT RESISTANT QUALITY

For high temperature applications Muller Beltex offers their Syntiflex rubber textile conveyor belting with EPDM rubber for transport of materials such as clincker, coke, foundry sand and slag. The Syntiflex conveyor belt with EPDM rubber can be used for transport of material at continuous temperatures up to +180° C. and occasional peaks up to +200° C.

Applications

- clincker
- coke
- foundry sand
- slag



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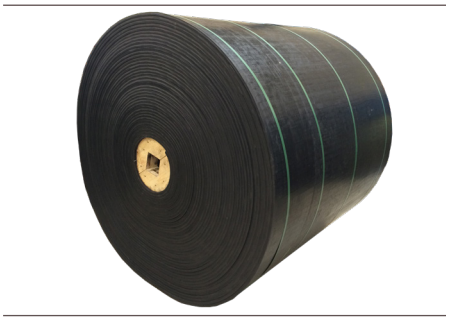


TECHNICAL SPECIFICATIONS - PETROFLEX NBR-K CONVEYOR BELT

	Unit/testing standard	500/3
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		3
Type per ply		EP 160
Belt thickness nom.	mm	7,9
Rubber covers top nom.	mm	3
Rubber covers bottom nom.	mm	1,5
Belt weight nom.	kg/m²	9,52
Properties		
Tensile strength	N/mm	>500
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>4,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	NBR-K
Oil and fat resistance		yes
Swelling in oil IRM 903	72u / 70° C. in %	<5
Tensile strength	Mpa	>12
Elongation	%	>400
Hardness (+/- 5°)	° Shore A	62 +/- 5
Abrasion resistance	mm³	<170
Additional properties		
Operational product temperature	°C.	-25/+100
Occasional operational peak temperature	°C.	does not apply
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant	ISO conform	yes
Minimum pulley diameter drive/deflection	mm	400 / 315

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 and DIN 53479

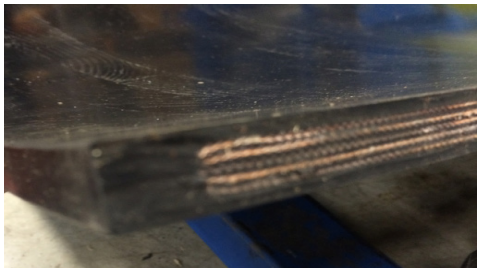
Shown values are average values.

PETROFLEX® NBR-K FLAME RETARDANT AND OIL AND FAT RESISTANT QUALITY

Muller Beltex offers a total range of rubber conveyor belts that are resistant to oil, grease and terpene. Petroflex NBR-K rubber conveyor belting is designed for use in highly aggresive oily environments. The synthetic fabric reinforcement is impervious to oil, turps, moisture and rot. The covers are made of oil-terpene-resistant black rubber, so that they retain their shape, hardness and surface characteristics. Petroflex NBR-K is also flame retardant according to ISO 340 (=DIN -K-).

Applications

- raw materials for animal feed
- vegetable oil extraction processing
- woodchips
- fertilizer



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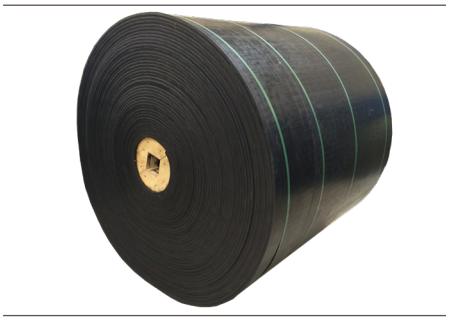


TECHNICAL SPECIFICATIONS - PETROFLEX NBR-K CONVEYOR BELT

	Unit/testing standard	500/4
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		4
Type per ply		EP 125
Belt thickness nom.	mm	9,9
Rubber covers top nom.	mm	4
Rubber covers bottom nom.	mm	2
Belt weight nom.	kg/m²	12
Properties		
Tensile strength	N/mm	>500
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>4,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	NBR-K
Oil and fat resistance		yes
Swelling in oil IRM 903	72u / 70° C. in %	<5
Tensile strength	Mpa	>12
Elongation	%	>400
Hardness (+/- 5°)	° Shore A	62 +/- 5
Abrasion resistance	mm³	<170
Additional properties		
Operational product temperature	°C.	-25/+100
Occasional operational peak temperature	°C.	does not apply
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant	ISO conform	yes
Minimum pulley diameter drive/deflection	mm	400 / 315

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 and DIN 53479

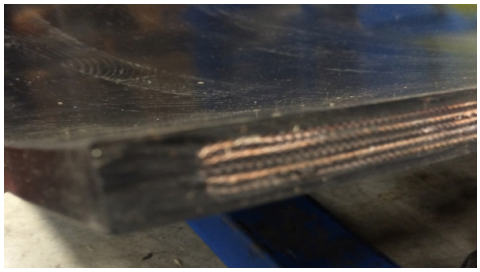
Shown values are average values.

PETROFLEX® NBR-K FLAME RETARDANT AND OIL AND FAT RESISTANT QUALITY

Muller Beltex offers a total range of rubber conveyor belts that are resistant to oil, grease and terpene. Petroflex NBR-K rubber conveyor belting is designed for use in highly aggresive oily environments. The synthetic fabric reinforcement is impervious to oil, turps, moisture and rot. The covers are made of oil-terpene-resistant black rubber, so that they retain their shape, hardness and surface characteristics. Petroflex NBR-K is also flame retardant according to ISO 340 (=DIN -K-).

Applications

- raw materials for animal feed
- vegetable oil extraction processing
- woodchips
- fertilizer



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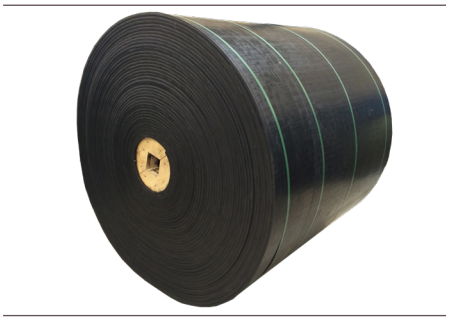


TECHNICAL SPECIFICATIONS - SYNTIFLEX "HIGH HEAT" CONVEYOR BELT

	Unit/testing standard	400/3
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		3
Type per ply		EP 125
Belt thickness nom.	mm	10
Rubber covers top nom.	mm	5
Rubber covers bottom nom.	mm	2
Belt weight nom.	kg/m²	12,25
Properties		
Tensile strength	N/mm	>400
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>4,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	EPDM
Oil and fat resistance		no
Swelling in oil IRM 903	72u / 70° C. in %	does not apply
Tensile strength	Mpa	>12
Elongation	%	>400
Hardness (+/- 5°)	° Shore A	65 +/- 5
Abrasion resistance	mm³	<150
Additional properties		
Operational product temperature	°C.	-20/+180
Occasional operational peak temperature	°C.	+200° C
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant	ISO conform	no
Minimum pulley diameter drive/deflection	mm	315 / 250

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 and DIN 53479

Shown values are average values.

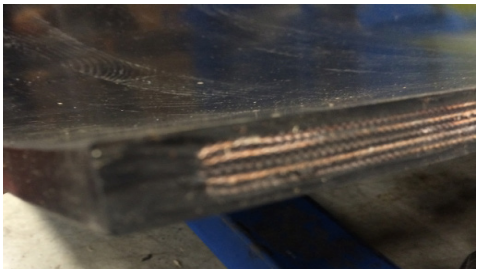
CONVEYOR BELT

SYNTIFLEX® HIGH HEAT RESISTANT QUALITY

For high temperature applications Muller Beltex offers their Syntiflex rubber textile conveyor belting with EPDM rubber for transport of materials such as clincker, coke, foundry sand and slag. The Syntiflex conveyor belt with EPDM rubber can be used for transport of material at continuous temperatures up to +180° C. and occasional peaks up to +200° C.

Applications

- clincker
- coke
- foundry sand
- slag



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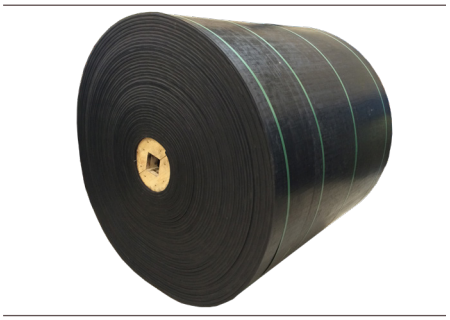


TECHNICAL SPECIFICATIONS - SYNTIFLEX "HIGH HEAT" CONVEYOR BELT

	Unit/testing standard	630/4
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		4
Type per ply		EP 160
Belt thickness nom.	mm	12
Rubber covers top nom.	mm	5
Rubber covers bottom nom.	mm	2
Belt weight nom.	kg/m²	14,81
Properties		
Tensile strength	N/mm	>630
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>4,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	EPDM
Oil and fat resistance		no
Swelling in oil IRM 903	72u / 70° C. in %	does not apply
Tensile strength	Mpa	>12
Elongation	%	>400
Hardness (+/- 5°)	° Shore A	65 +/- 5
Abrasion resistance	mm³	<150
Additional properties		
Operational product temperature	°C.	-20/+180
Occasional operational peak temperature	°C.	+200° C
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant	ISO conform	no
Minimum pulley diameter drive/deflection	mm	500 / 400

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 and DIN 53479

Shown values are average values.

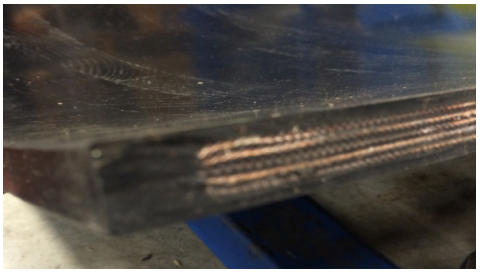
CONVEYOR BELT

SYNTIFLEX® HIGH HEAT RESISTANT QUALITY

For high temperature applications Muller Beltex offers their Syntiflex rubber textile conveyor belting with EPDM rubber for transport of materials such as clincker, coke, foundry sand and slag. The Syntiflex conveyor belt with EPDM rubber can be used for transport of material at continuous temperatures up to +180° C. and occasional peaks up to +200° C.

Applications

- clincker
- coke
- foundry sand
- slag



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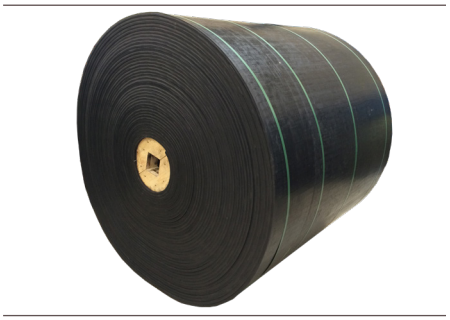


TECHNICAL SPECIFICATIONS - SYNTIFLEX CONVEYOR BELT

	Unit/testing standard	500/3
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		3
Type per ply		EP 165
Belt thickness nom.	mm	9,5
Rubber covers top nom.	mm	4
Rubber covers bottom nom.	mm	2
Belt weight nom.	kg/m²	11,97
Properties		
Tensile strength	N/mm	>500
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>4,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	SBR DIN-Y
Oil and fat resistance		no
Swelling in oil IRM 903	72u / 70° C. in %	does not apply
Tensile strength	Mpa	>12
Elongation	%	>400
Hardness (+/- 5°)	° Shore A	65 +/- 5
Abrasion resistance	mm³	<150
Additional properties		
Operational product temperature	°C.	-30/+60
Occasional operational peak temperature	°C.	does not apply
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant	ISO conform	no
Minimum pulley diameter drive/deflection	mm	400 / 315

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 and DIN 53479

Shown values are average values.

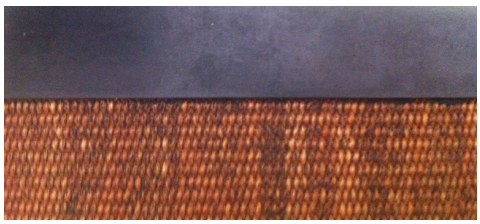
CONVEYOR BELT

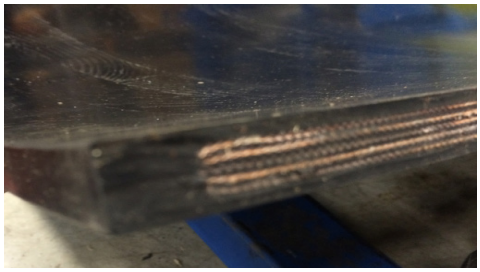
SYNTIFLEX® ABRASION RESISTANT QUALITY

For wear-resistant applications under normal operating conditions Muller Beltex offers their Syntiflex rubber textile conveyor belting with SBR DIN-Y rubber for transport of materials such as sand and gravel.
The Syntiflex conveyor belt with SBR DIN-Y rubber is the belt of choice for general conveyor technology.

Applications

- sand
- gravel
- glass cullets
- lime stone
- chalk





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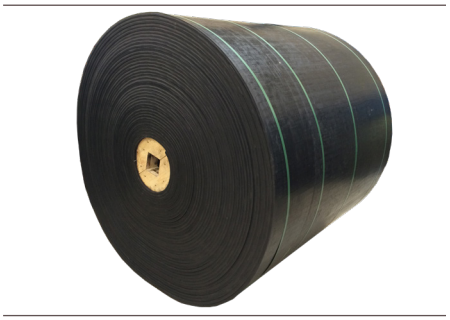


TECHNICAL SPECIFICATIONS - PETROFLEX CONVEYOR BELT

	Unit/testing standard	500/3
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		3
Type per ply		EP 165
Belt thickness nom.	mm	9,5
Rubber covers top nom.	mm	4
Rubber covers bottom nom.	mm	2
Belt weight nom.	kg/m²	11,88
Properties		
Tensile strength	N/mm	>500
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>4,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	NBR
Oil and fat resistance		yes
Swelling in oil IRM 903	72u / 70° C. in %	<5
Tensile strength	Mpa	>12
Elongation	%	>400
Hardness (+/- 5°)	° Shore A	65 +/- 5
Abrasion resistance	mm³	<200
Additional properties		
Operational product temperature	°C.	-20/+100
Occasional operational peak temperature	°C.	does not apply
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant	ISO conform	no
Minimum pulley diameter drive/deflection	mm	400 / 315

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 and DIN 53479

Shown values are average values.

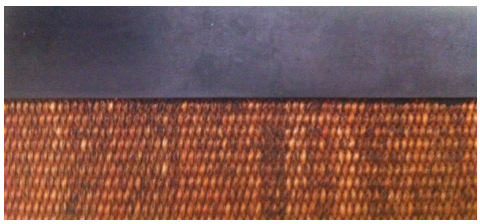
CONVEYOR BELT

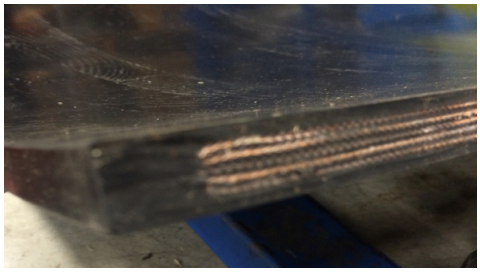
PETROFLEX® OIL AND FAT RESISTANT QUALITY

Muller Beltex offers a total range of rubber conveyor belts that are resistant to oil, grease and terpene. Petroflex NBR rubber conveyor belting is designed for use in highly aggresive oily environments. The synthetic fabric reinforcement is impervious to oil, turps, moisture and rot. The covers are made of oil-terpene-resistant black rubber, so that they retain their shape, hardness and surface characteristics

Applications

- raw materials for animal feed
- rapeseed
- soybeans
- woodchips
- fertilizer





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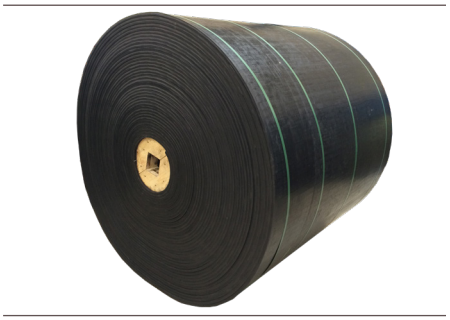


TECHNICAL SPECIFICATIONS - SYNTIFLEX CONVEYOR BELT

	Unit/testing standard	630/3
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		3
Type per ply		EP 200
Belt thickness nom.	mm	12
Rubber covers top nom.	mm	6
Rubber covers bottom nom.	mm	2
Belt weight nom.	kg/m²	14,77
Properties		
Tensile strength	N/mm	>630
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>4,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	SBR DIN-Y
Oil and fat resistance		no
Swelling in oil IRM 903	72u / 70° C. in %	does not apply
Tensile strength	Mpa	>12
Elongation	%	>400
Hardness (+/- 5°)	° Shore A	65 +/- 5
Abrasion resistance	mm³	<150
Additional properties		
Operational product temperature	°C.	-30/+70
Occasional operational peak temperature	°C.	does not apply
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant	ISO conform	no
Minimum pulley diameter drive/deflection	mm	500 / 400

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 and DIN 53479

Shown values are average values.

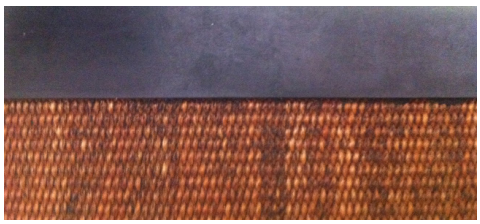
CONVEYOR BELT

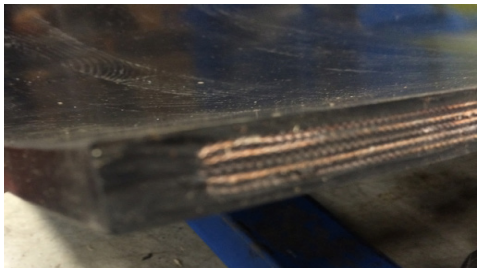
SYNTIFLEX® ABRASION RESISTANT QUALITY

For wear-resistant applications under normal operating conditions Muller Beltex offers their Syntiflex rubber textile conveyor belting with SBR DIN-Y rubber for transport of materials such as sand and gravel.
The Syntiflex conveyor belt with SBR DIN-Y rubber is the belt of choice for general conveyor technology.

Applications

- sand
- gravel
- glass cullets
- lime stone
- chalk





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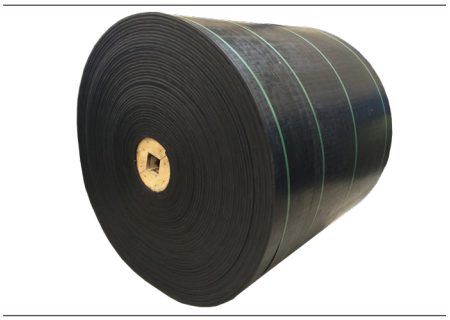

TECHNICAL SPECIFICATIONS - PETROFLEX CONVEYOR BELT

	Unit/testing standard	630/4
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		4
Type per ply		EP 165
Belt thickness nom.	mm	12
Rubber covers top nom.	mm	5
Rubber covers bottom nom.	mm	2
Belt weight nom.	kg/m²	14,81
Properties		
Tensile strength	N/mm	>630
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>4,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	NBR
Oil and fat resistance		yes
Swelling in oil IRM 903	72u / 70° C. in %	<5
Tensile strength	Mpa	>12
Elongation	%	>400
Hardness (+/- 5°)	° Shore A	65 +/- 5
Abrasion resistance	mm³	<200
Additional properties		
Operational product temperature	°C.	-20/+100
Occasional operational peak temperature	°C.	does not apply
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant	ISO conform	no
Minimum pulley diameter drive/deflection	mm	500 / 400

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 and DIN 53479

Shown values are average values.

CONVEYOR BELT

PETROFLEX® OIL AND FAT RESISTANT QUALITY

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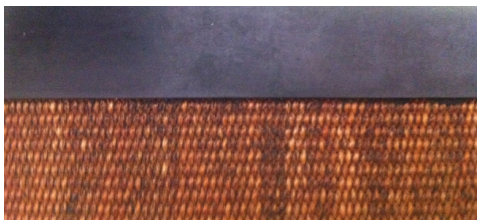
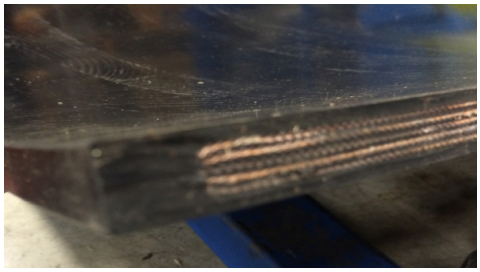
Applications

- raw materials for animal feed
- rapeseed
- soybeans
- woodchips
- fertilizer





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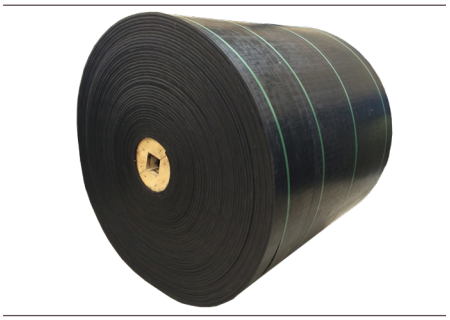

TECHNICAL SPECIFICATIONS - SYNTIFLEX CONVEYOR BELT

	Unit/testing standard	400/3
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		3
Type per ply		EP 150
Belt thickness nom.	mm	9
Rubber covers top nom.	mm	4
Rubber covers bottom nom.	mm	2
Belt weight nom.	kg/m²	11,1
Properties		
Tensile strength	N/mm	>400
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>4,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	SBR DIN-Y
Oil and fat resistance		no
Swelling in oil IRM 903	72u / 70° C. in %	does not apply
Tensile strength	Mpa	>12
Elongation	%	>400
Hardness (+/- 5°)	° Shore A	65 +/- 5
Abrasion resistance	mm³	<150
Additional properties		
Operational product temperature	°C.	-30/+70
Occasional operational peak temperature	°C.	does not apply
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant	ISO conform	no
Minimum pulley diameter drive/deflection	mm	315 / 250

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 and DIN 53479

Shown values are average values.

CONVEYOR BELT

SYNTIFLEX® ABRASION RESISTANT QUALITY

For wear-resistant applications under normal operating conditions Muller Beltex offers their Syntiflex rubber textile conveyor belting with SBR DIN-Y rubber for transport of materials such as sand and gravel.
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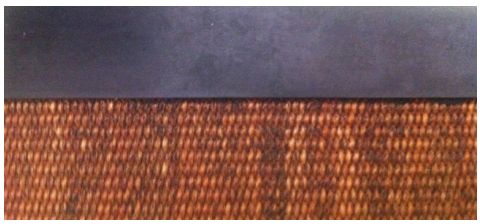
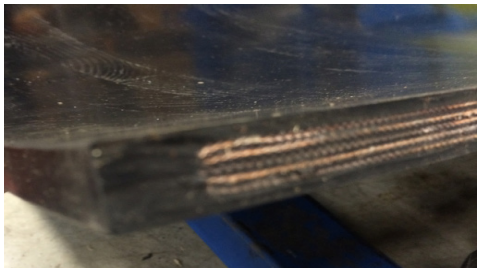
Applications

- sand
- gravel
- glass cullets
- lime stone
- chalk





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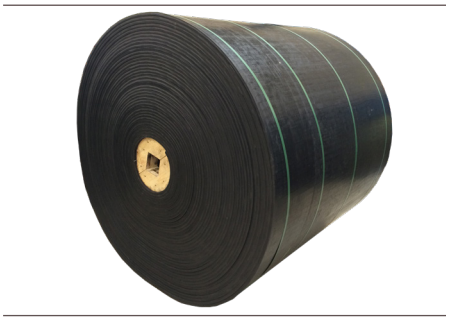


TECHNICAL SPECIFICATIONS - PETROFLEX CONVEYOR BELT

	Unit/testing standard	400/3
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		3
Type per ply		EP 150
Belt thickness nom.	mm	9
Rubber covers top nom.	mm	4
Rubber covers bottom nom.	mm	2
Belt weight nom.	kg/m²	11,09
Properties		
Tensile strength	N/mm	>400
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>4,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	NBR
Oil and fat resistance		yes
Swelling in oil IRM 903	72u / 70° C. in %	<5
Tensile strength	Mpa	>12
Elongation	%	>400
Hardness (+/- 5°)	° Shore A	65 +/- 5
Abrasion resistance	mm³	<200
Additional properties		
Operational product temperature	°C.	-30/+100
Occasional operational peak temperature	°C.	does not apply
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant	ISO conform	no
Minimum pulley diameter drive/deflection	mm	315 / 250

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 and DIN 53479

Shown values are average values.

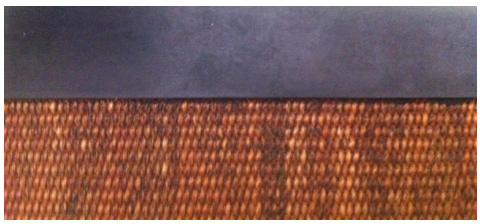
CONVEYOR BELT

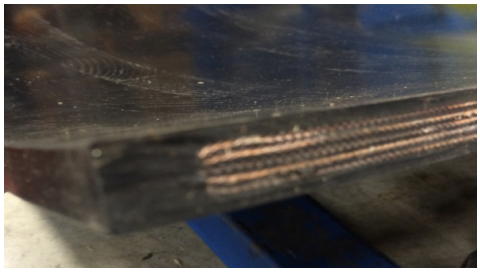
PETROFLEX® OIL AND FAT RESISTANT QUALITY

Muller Beltex offers a total range of rubber conveyor belts that are resistant to oil, grease and terpene. Petroflex NBR rubber conveyor belting is designed for use in highly aggresive oily environments. The synthetic fabric reinforcement is impervious to oil, turps, moisture and rot. The covers are made of oil-terpene-resistant black rubber, so that they retain their shape, hardness and surface characteristics

Applications

- raw materials for animal feed
- rapeseed
- soybeans
- woodchips
- fertilizer





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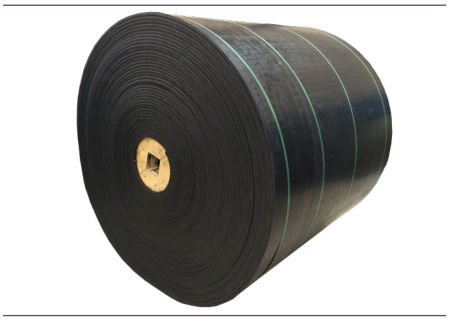


TECHNICAL SPECIFICATIONS - SYNTIFLEX "HIGH HEAT" CONVEYOR BELT

	Unit/testing standard	500/4
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		4
Type per ply		EP 125
Belt thickness nom.	mm	10
Rubber covers top nom.	mm	4
Rubber covers bottom nom.	mm	2
Belt weight nom.	kg/m²	12,60
Properties		
Tensile strength	N/mm	>500
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>4,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	EPDM
Oil and fat resistance		no
Swelling in oil IRM 903	72u / 70° C. in %	does not apply
Tensile strength	Mpa	>12
Elongation	%	>400
Hardness (+/- 5°)	° Shore A	65 +/- 5
Abrasion resistance	mm³	<150
Additional properties		
Operational product temperature	°C.	-20/+180
Occasional operational peak temperature	°C.	+200° C
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant	ISO conform	no
Minimum pulley diameter drive/deflection	mm	500 / 400

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 and DIN 53479

Shown values are average values.

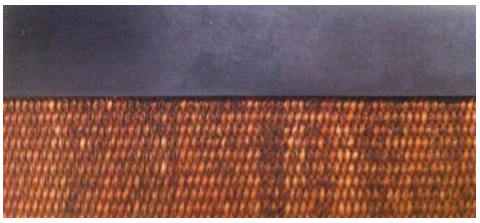
CONVEYOR BELT

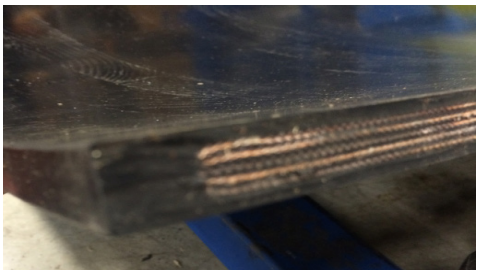
SYNTIFLEX® HIGH HEAT RESISTANT QUALITY

For high temperature applications Muller Beltex offers their Syntiflex rubber textile conveyor belting with EPDM rubber for transport of materials such as clincker, coke, foundry sand, slag and fertilizer. The Syntiflex conveyor belt with EPDM rubber can be used for transport of material at continuous temperatures up to +180° C. and occasional peaks up to +200° C.

Applications

- clincker
- coke
- foundry sand
- slag
- fertilizer





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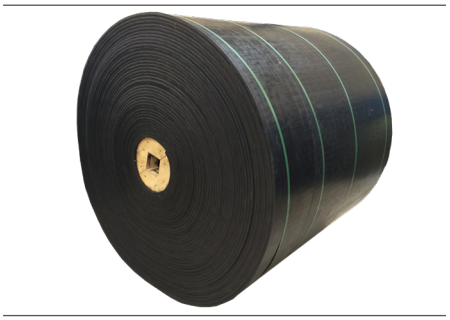


TECHNICAL SPECIFICATIONS - PETROFLEX CONVEYOR BELT

	Unit/testing standard	400/3
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		3
Type per ply		EP 150
Belt thickness nom.	mm	9
Rubber covers top nom.	mm	4
Rubber covers bottom nom.	mm	2
Belt weight nom.	kg/m²	11,09
Properties		
Tensile strength	N/mm	>400
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>4,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	NBR (MOR)
Oil and fat resistance		yes
Swelling in oil IRM 903	72u / 70° C. in %	<5
Tensile strength	Mpa	>12
Elongation	%	>450
Hardness (+/- 5°)	° Shore A	65 +/- 5
Abrasion resistance	mm³	<170
Additional properties		
Operational product temperature	°C.	-30/+80
Occasional operational peak temperature	°C.	does not apply
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant	ISO conform	no
Minimum pulley diameter drive/deflection	mm	315 / 250

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 and DIN 53479

Shown values are average values.

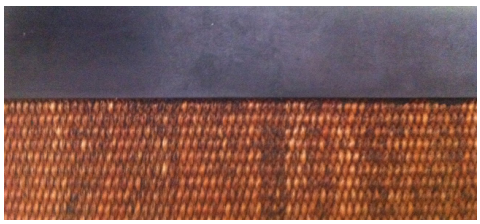
CONVEYOR BELT

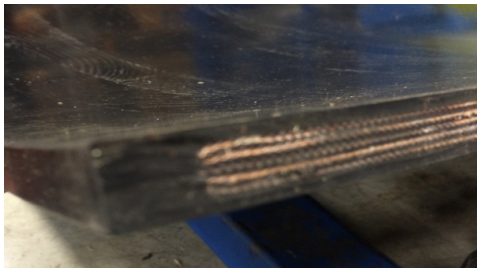
PETROFLEX® OIL AND FAT RESISTANT QUALITY

Muller Beltex offers a total range of rubber conveyor belts that are resistant to oil and fat. Petroflex NBR (MOR) rubber conveyor belting is designed for use in oily environments. The synthetic fabric reinforcement is impervious to oil, moisture and rot. The covers are made of oil-resistant black rubber, so that they retain their shape, hardness and surface characteristics

Applications

- raw materials for animal feed
- grains
- glass





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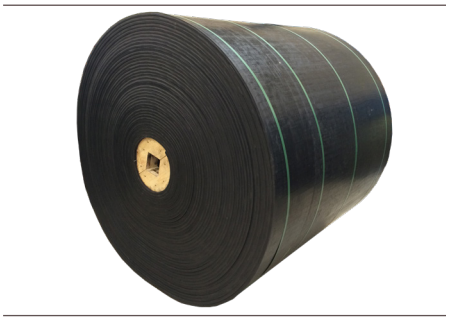

TECHNICAL SPECIFICATIONS - PETROFLEX CONVEYOR BELT

	Unit/testing standard	400/3
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		3
Type per ply		EP 150
Belt thickness nom.	mm	9
Rubber covers top nom.	mm	4
Rubber covers bottom nom.	mm	2
Belt weight nom.	kg/m²	11,09
Properties		
Tensile strength	N/mm	>400
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>4,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	NBR (MOR)
Oil and fat resistance		yes
Swelling in oil IRM 903	72u / 70° C. in %	<5
Tensile strength	Mpa	>12
Elongation	%	>450
Hardness (+/- 5°)	° Shore A	65 +/- 5
Abrasion resistance	mm³	<170
Additional properties		
Operational product temperature	°C.	-30/+80
Occasional operational peak temperature	°C.	does not apply
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant	ISO conform	no
Minimum pulley diameter drive/deflection	mm	315 / 250

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 and DIN 53479

Shown values are average values.

CONVEYOR BELT

PETROFLEX® OIL AND FAT RESISTANT QUALITY

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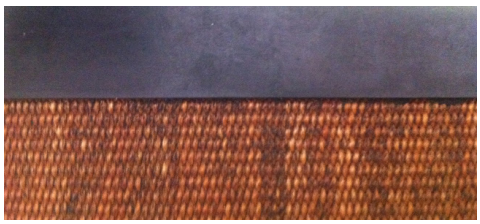
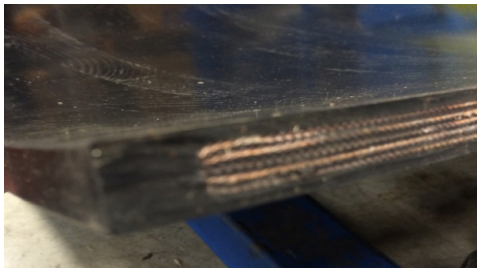
Applications

- raw materials for animal feed
- grains
- glass





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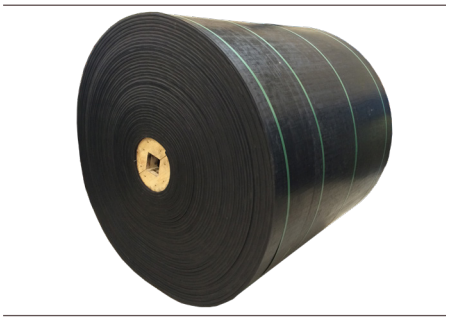

TECHNICAL SPECIFICATIONS - PETROFLEX CONVEYOR BELT

	Unit/testing standard	630/3
Construction		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		3
Type per ply		EP 200
Belt thickness nom.	mm	12,5
Rubber covers top nom.	mm	6
Rubber covers bottom nom.	mm	2
Belt weight nom.	kg/m²	17,10
Properties		
Tensile strength	N/mm	>630
Elongation at break	%	>10
Elongation at 10% working load	%	<1,5
Adhesion covers - plies	N/mm	>4,5
Adhesion between plies	N/mm	>5
Rubber properties		
Type of rubber	Polymer	NBR
Oil and fat resistance		yes
Swelling in oil IRM 903	72u / 70° C. in %	<5
Tensile strength	Mpa	>12
Elongation	%	>400
Hardness (+/- 5°)	° Shore A	65 +/- 5
Abrasion resistance	mm³	<200
Additional properties		
Operational product temperature	°C.	-20/+100
Occasional operational peak temperature	°C.	does not apply
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant	ISO conform	no
Minimum pulley diameter drive/deflection	mm	500 / 400

Testing norm in accordance with DIN22102, DIN 22101, DIN 53504, DIN 53505, DIN53516 and DIN 53479

Shown values are average values.

CONVEYOR BELT

PETROFLEX® OIL AND FAT RESISTANT QUALITY

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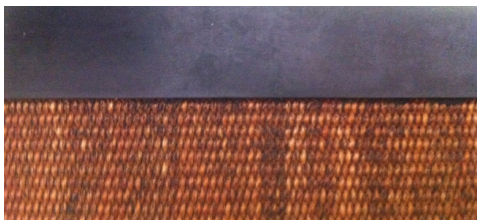
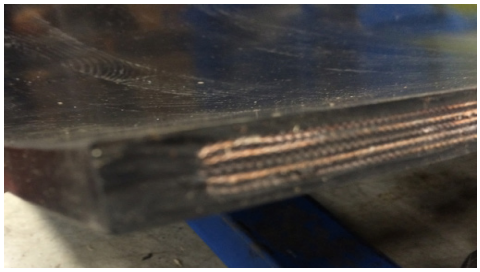
Applications

- raw materials for animal feed
- rapeseed
- soybeans
- woodchips
- fertilizer





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