ELEVATOR BELT

POLYSUR® TYPE 278 NBR - HOT OIL OIL- AND FAT RESISTANT QUALITY

Polysur® type 278 elevator belts offer a special resistance to the combination of fats and oils at higher processing temperatures up to +100-120° C in humid working conditions. This belt quality features specially treated plies and together with the high rubber to plies adhesion offering increased resistance to ply separation due to fat and humidity attack at higher operating temperatures.

Applications
- toaster applications
- soybean and rapeseed rocessing
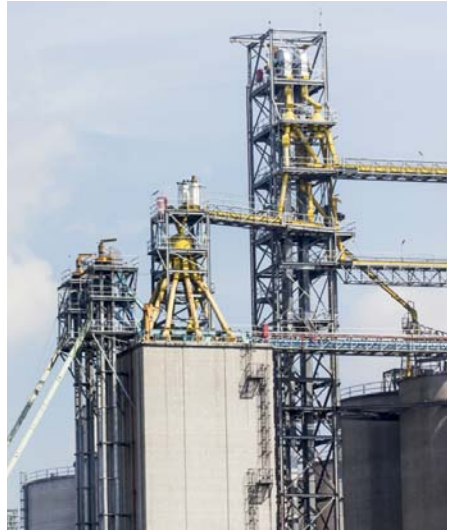- grain processing
- foundry sand
- recycling
- bituminous products

Available from stock
- EP 800/4 2,0+2,0 mm

Other constructions available on request.

TECHNICAL SPECIFICATIONS - POLYSUR® TYPE 278

	Unit/testing standard	800/4
Construction		
Carcass type		PP
Warp		Polyamid
Weft		Polyamid
Textile plies		4
Type per ply		EP 200
Belt thickness nom.	mm	9,3
Rubber covers top nom.	mm	2
Rubber covers bottom nom.	mm	2
Belt weight nom.	kg/m²	12,3
Properties		
Tensile strength	N/mm	>800
Elongation at break	%	>10
Elongation at 10% working load	%	<2,0
Adhesion covers - plies	N/mm	>6
Adhesion between plies	N/mm	>6
Rubber properties		
Type of rubber	Polymer	NBR
Oil and fat resistance		very good
Swelling in oil IRM 903	72u / 70° C. in %	<5
Tensile strength	Mpa	>13
Elongation	%	>350
Hardness (+/- 5°)	° Shore A	70 +/- 5
Abrasion resistance	mm³	<180
Additional properties		
Temperature dry, low fat product	°C.	-25/+120
Temperature fat and/or moist product	°C.	-25/+120
Anti-static <3.10⁸	Ω ISO conform	yes
Flame retardant	ISO conform	yes
Minimum pulley diameter		450 mm
Recommended elevator belt fasteners		Maxi-AB Maxi-ULTRA

Testing norm in accordance with DIN22102, ISO 37, 251, 252, 283, 284, 340, 583, 868, 13934, 2781, 4649, 7619, 9856

Showing values are average values.

Polysur® elevator belts are provided with a Polysur® logo after each 20 meter of elevator belt.

Not legally binding - subject to change and terms
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