

## TECHNICAL SPECIFICATIONS - POLYSUR® TYPE T150

	Unit/testing standard	800/4
<b>Construction</b>		
Carcass type		EP
Warp		Polyester
Weft		Polyamid
Textile plies		4
Type per ply		EP 200
Belt thickness nom.	mm	12
Rubber covers top nom.	mm	3
Rubber covers bottom nom.	mm	3
Belt weight nom.	kg/m <sup>2</sup>	13,6
<b>Properties</b>		
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
<b>Rubber properties</b>		
Type of rubber	Polymeer	EPM
Oil and fat resistance		no
Swelling in oil IRM 903	72u / 70° C. in %	
Tensile strength	Mpa	>14
Elongation	%	>400
Hardness (+/- 5°)	° Shore A	61 +/- 5
Abrasion resistance	mm <sup>3</sup>	<115
<b>Additional properties</b>		
Temperature dry, low fat product	°C.	-30/+130
Temperature fat and/or moist product	°C.	
Anti-static <3.10 <sup>9</sup>	Ω ISO conform	yes
Flame retardant	ISO conform	no
Minimum pulley diameter		500 mm
Recommended elevator belt fasteners		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®**



## POLYSUR® TYPE T150 HIGH HEAT HEAT RESISTANT QUALITY

Polysur® type T150 elevator belts are specially designed for use in elevators with an ambient temperature in the elevator of continuous +100° C. or higher combined with dry product. By using 3+3 mm thick rubber covers to insulate the carcass from the high operating temperature in combination with a rubber quality such as EPM, the rubber stays longer flexible under the influence of high temperatures resulting in a longer service life of the elevator belt itself.

### Applications

- cement powder
- fly ash
- fertilizer
- raw meal
- foundry sand
- cokes
- recycling

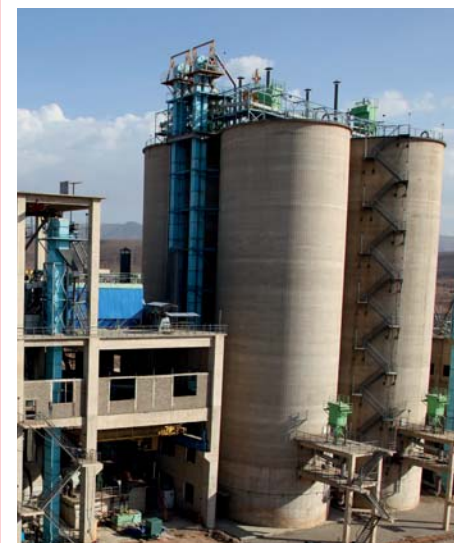
### Available from stock

- EP 800/4 3,0+3,0 mm

Other constructions available on request.



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



Not legally binding - subject to change and terms  
Version 2017 / 1.2

**muller|beltex**