



**POLYSUR® TYPE T150  
HIGH HEAT  
HEAT RESISTANT  
QUALITY**

**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	Polymer		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>8</sup>	Ω ISO conform		yes
Flame retardant	ISO conform		no
Minimum pulley diameter			500 mm
Testing norm in accordance with DIN22102, ISO 37, 251, 252, 283, 284, 340, 583, 868, 13934, 2781, 4649, 7619, 9856			

Shown values are average values.



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 / 1.3*



**YOUR TRADEMARK  
FOR RELIABLE  
ELEVATOR BELTS**