TECHNICAL SPECIFICATIONS - POLYSUR® TYPE 274

	Unit/testing standard	630/4	630/4
Construction			
Carcass type		EP	EP
Warp		Polyester	Polyester
Weft		Polyamid	Polyamid
Textile plies		4	4
Type per ply		EP 160	EP 160
Belt thickness nom.	mm	6	7,5
Rubber covers top nom.	mm	0,5	1,5
Rubber covers bottom nom.	mm	0,5	1,5
Belt weight nom.	kg/m²	7,9	10,1
Properties			
Tensile strength	N/mm	>630	>630
Elongation at break	%	>10	>10
Elongation at 10% working load	%	<1,5	<1,5
Adhesion covers - plies	N/mm	>6	>6
Adhesion between plies	N/mm	>6	>6
Rubber properties			
Type of rubber	Polymeer	SBR	SBR
Oil and fat resistance		no	no
Swelling in oil IRM 903	72u / 70° C. in %		
Tensile strength	Mpa	>14	>14
Elongation	%	>350	>350
Hardness (+/- 5°)	° Shore A	65 +/- 5	65 +/- 5
Abrasion resistance	mm³	<150	<150
Additional properties			
Temperature dry, low fat product	°C.	-25 / +60	-25 / +60
Temperature fat and/or moist product	°C.		
Anti-static <3.10⁸	Ω ISO conform	yes	yes
Flame retardant	ISO conform	no	no
Minimum pulley diameter		400 mm	400 mm
Recommended elevator belt fasteners		Type CI	Maxi-AB Maxi-ULTRA

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 274 SBR - Y-GRADE VERY ABRASION RESISTANT QUALITY

Polysur® type 274 standard rubber elevator belts are designed for general industrial use and handling of non-fat agricultural or aggregate products. This quality is charaterised by very high wear resistance and is ideal for the conveying of products such as sand, gravel, crushed stones, etc. at temperatures up to max. +60°C.

Applications
- non-fatty animal feed
- minerals
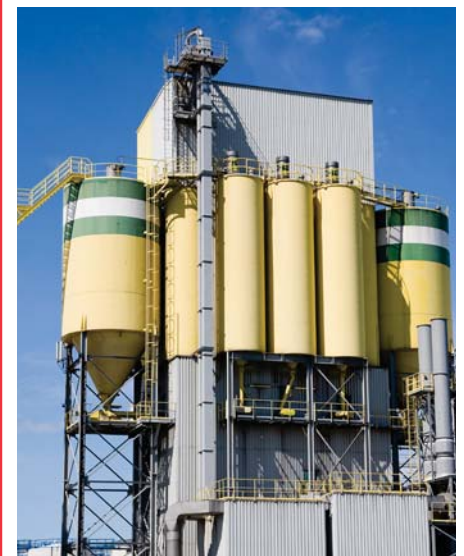- stones
- grains
- sand
- shotblast
- glass

Available from stock
- EP 630/4 0,5+0,5 mm
- EP 630/4 1,5+1,5 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
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