

PCB

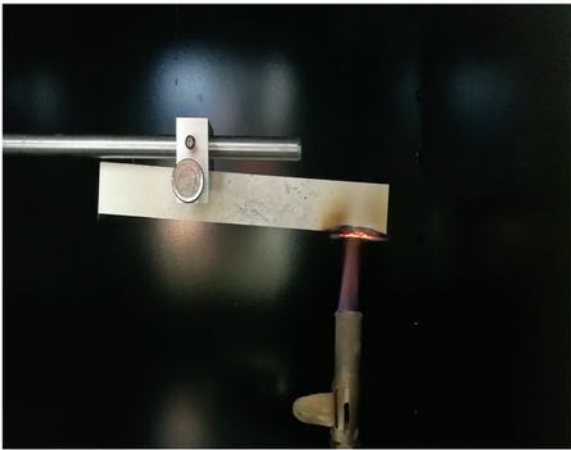
Pro Conveyor Belt



CATALOGUE

Belt for Elevators

Elevator Conveyor Belt



Belt Specification

Item	Unit/Test Method	Data
Elongation	%	1.5
Tensile Strength	Mpa	12
Cover Elongation	%	400
Abrasion	mm ³	200
Adhesion	N/mm	5
Anti Static	ISO284	3*10 ⁸
Fire Resistance	ISO340	Pass
Oil Resistance	IRM903	20%



FDA White Food Grade

This belt quality has good oil and fat resistance and meets the requirements for components in contact with food-stuffs. Used widely with rice processing, flour mills, dry milk products, salt, sugar and detergents etc.

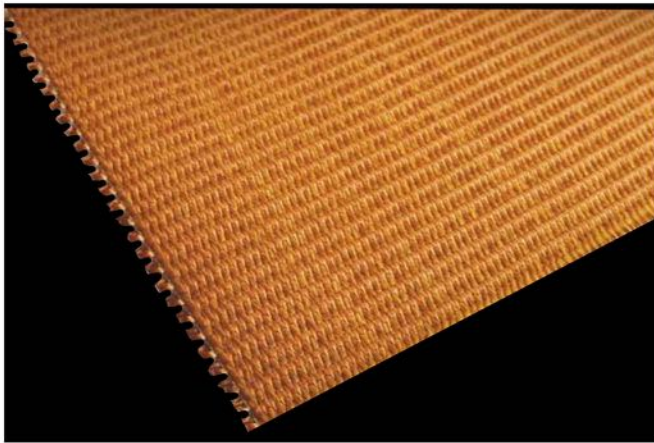
Comply with

- Regulation 1935/2004/EC
- FDA21 CFR177.2600
- ISO340
- ISO284
- ISO1817
- Temperature Range:-20°C-80°C



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SW and EP belts - the difference

The table below show the key differences between EP and SW conveyor belt

SW	Weight (g/m ²)	EP	Weight (g/m ²)	Difference (g/m ²)	Difference (%)
800/1	2160	800/4	2600	440	-17
1000/1	2770	1000/5 1000/4	3250	480	-15
1250/1	3270	1200/6	3900	630	-16
		1250/5	4150	880	-21

SW Belt

SW belt carcass are available in type SW 400/1 to SW 1250/1, and SW belt type 800/2 to 2500/2. SW belts have an extremely high tensile strength. This is a result of the special carcass structure in combination with the use of high quality intermediate rubber and cover materials.

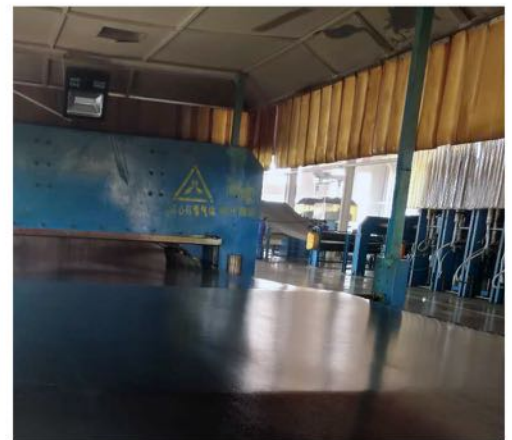
The SW elevator belt provide the following advantages

15-20% lighter fabric-with the same strength;

Minimal elongation due to straight threads in the running and transverse direction;

High Impact resistance;

Less rubber consumption due to fewer textile plies as compared with EP belt.



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Belt construction and cover

Steel cord elevator belts are available in tensile strengths up to 2000 N/mm and can be supplied with cable free zones to make the installation of buckets and fasteners easier and to create a dynamically stronger endless belt. Elevator belt is available in practically all cover qualities including heat resistant and oil resistant. Because the heat build up in enclosed elevators is far higher than conventional conveyor systems for heat applications we recommend the use of heat resistant covers, which can withstand material temperatures as high as 120°C - 180°C.

Steel Cord Belt

The highly successful steel cord elevator belt has a steel reinforced carcass construction with particularly good 'low elongation' characteristics. The belt has a tension layer composed of longitudinal steel cords through which power transmission is effected and two transversal layers of steel cords situated on both sides of the longitudinal steel cords. The transverse steel cords reinforce the belt to provide outstanding durability and excellent bucket and fastener strength.

The steel cord elevator belt provide the following advantages

- Tensile strengths available from 500 N/mm up to 2000 N/mm
- Wide range of widths available, from 400mm up to 2200mm
- Full range of high quality cover compounds including heat resistant, fire resistant and oil resistant
- Low elongation enabling short takeup systems
- High bolt tear resistance and fastener strength
- Excellent clamping characteristics
- Small pulley diameters



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**Pro Conveyor Belt
Vision:
Customized
Specialization**



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