

POLYSUR® FERRO

STEEL WEBBING ELEVATOR BELT

POLYSUR FERRO is a rubber elevator belt with steel webbing reinforcement consisting of specially coated steel cable in warp and weft and minimum 3+3 mm covers.

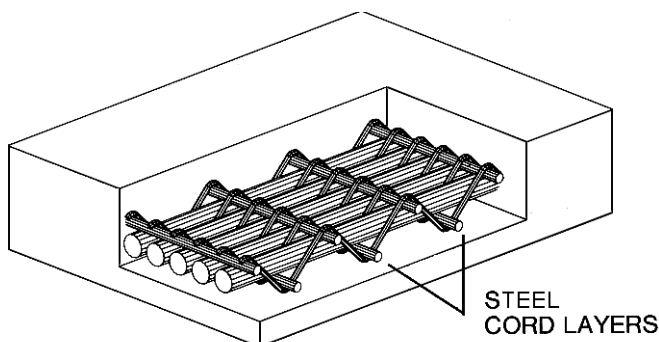
POLYSUR FERRO elevator belts are practically free of elongation and display only 0,35% permanent elongation and 0,15% elastic elongation, together maximal 0,5% elongation at max. working load (10-fold safety factor).

They are suitable for running on relatively small drive pulleys and for long centre distances. The very rigid weft construction results in excellent straight tracking and quiet running characteristics.

POLYSUR FERRO is available, depending on belt dimensions, with pre-fitted special clamp fasteners, offering a safety factor of 80% of the nominal belt strength. They can be supplied ready for fitting on site at pre-determined working lengths. Special tools are available for retro-fitting the clamp fastener on site.

Pilot bolt holes can be pre-drilled or drilled on site. Bolt holes cannot be punched and should be drilled, resulting in rather ragged pilot holes. For fitting buckets recommended bolts are type **EASIFIT** with hexagonal tip on the shaft end. These can be lodged in the drilled pilot holes and hammered through. Fitting instruction available.

Product norm: **DIN 22102**
 anti-static
 closed rubber edges
 rubber covers minimal 3+3 mm



To order available belt types:

SW 630 3+3 mm thickness 11 mm
 SW 800 3+3 mm thickness 12 mm
 SW1000 3+3 mm thickness 12 mm
 SW1250 3+3 mm thickness 13 mm
 SW1600 3+3 mm thickness 13 mm
 SW1800 3+3 mm thickness 13 mm
 SW2000 3+3 mm thickness 13 mm

Belt dimensions:

minimum 300 mm
 maximum 1400 mm
 minimum belt length 50 m

Pulley diam.	mm	Weight. m2:
		kg
SW 630	400	16,00
SW 800	500	18,00
SW 1000	500	18,75
SW 1250	630	21,00
SW 1600	630	22,50
SW 1800	630	23,00
SW 2000	800	23,50

Data depends on rubber quality and is subject to alterations without prior notice.

Rubber qualities:

Type AA highly abrasion resistant
 Type T120 temp. resistant up to 120°C continuous
 Type CR fat resistant

Fields of application:

Cement plants, grain silos, fly ash handling, fertiliser, sand, coal, dry chemicals, glass industry.

10-2000

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