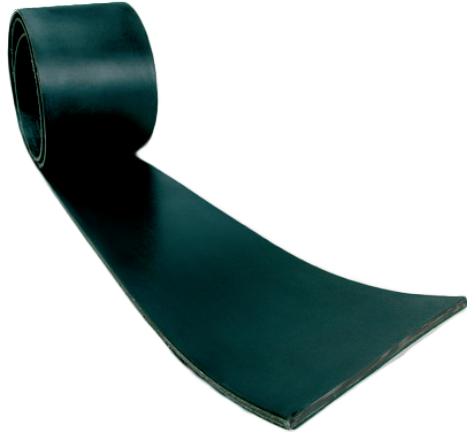


SBR - LOW STRETCH ELEVATOR BELT

LOW STRETCH ELEVATOR BELTING - ABRASION RESISTANT



Higher Strength Belts –
EP1000-EP2000 kN/m
available on request



4B elevator belting is of laminar construction, to give high impact resistance coupled with low stretch at working tension. The EP carcass comprises a woven textile construction having low stretch polyester fabric warp (along its length) and impact resistant polyamide fabric weft (across the width). The low stretch characteristics of the belt are achieved using the high strength textile fabric which is pre-tensioned during the manufacturing process. This process limits the maximum stretch in the belt, at working strength, to 1.5%.


Applications

- > For fat and oil free products up to 70°C

Covers

- > SBR Styrene Butadiene Rubber

Temperature Range

- > -20°C to +70°C 

Carcass

- > Polyester fabric warp and polyamide fabric weft plies (EP) separated by 0.3mm thick synthetic rubber laminates of SBR

Standard

- > Manufactured to BS 490, DIN 22102 and DIN 22104 standard

TYPE		EP500/3 1+1 SBR	EP630/4 1+1 SBR	EP630/4 2+2 SBR	EP800/5 2+2 SBR
Strength per ply	kN/m	160	160	160	160
Number of plies	-	3	4	4	5
Total Tensile Strength	kN/m	500	630	630	800
Maximum Working Tension (10:1 Safety Factor)	kN/m	50	63	63	80
Top & Bottom Cover Thickness	mm	1.0	1.0	2.0	2.0
Belt Thickness	mm	6.0	7.0	9.0	10.5
Weight	kg/m ²	7.8	9.0	11.4	13.3
Minimum Pulley Ø	mm	315	500	500	630

