SBR elevator belting

SBR elevator belts are anti-static. The plies are polyester interwoven with Nylon layers. The belt is made out of SBR (Styrene Butadiene Rubber). The covers make it possible that the elevator bolt head will fit and countersunk perfectly. These belts are available in several breaking loads and thicknesses.

SBR (Styrene Butadiene Rubber) covers are high abrasion resistant. This belt quality is suitable to transport products with a low fat, oil and acid content. Ideal for industrial purposes such as: sand, gravel, glass cullets and dry bulk powders. Also for agro bulk industry. For example grain and cereals.

In addition, there are special temperature resistant elevator belts suitable for tempertures up to a maximum of 180 °C. Belts are cut and punched according to customers specifications.

Technical specifications	
SBR	
Production requirement acc.	DIN 22102 and 22104
Anti-static acc.	ISO 284
Pre stretched plies	Nylon / Polyester
Elongation	max. 1,5%
Covers	SBR 60 ± 5° Shore A
Breaking load covers	> = 20 N/mm
Abrasion	< = 150 mm^3
Density of covers	1,20 ± 0,3 $gram/cm^3$
Temperature resistance	-25 till +70 °C

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Type of belt	Breaking load	Nr. of inserts	Covers	Thickness	Weight/m^2	Pulley Ø *
400/3	400 kg/cm^2	3	1+1 mm	5 mm	6,6 kg	315 mm
400/3	400 kg/cm^2	3	2+2 mm	7 mm	7,8 kg	315 mm
500/4	500 kg/cm^2	4	1+1 mm	6 mm	7,8 kg	400 mm
500/4	500 kg/cm^2	4	2+2 mm	8 mm	9,0 kg	400 mm
630/4	630 kg/cm^2	4	1+1 mm	7 mm	9,0 kg	500 mm
630/4	630 kg/cm^2	4	2+2 mm	9 mm	10,2 kg	500 mm
800/5	800 kg/cm^2	5	1+1 mm	8 mm	10,8 kg	630 mm
800/5	800 kg/cm^2	5	2+2 mm	10 mm	11,4 kg	630 mm
1000/5	1.000 kg/cm^2	5	1+1 mm	8 mm	12,0 kg	800 mm
1000/5	1.000 kg/cm^2	5	2+2 mm	10 mm	12,6 kg	800 mm
1250/5	1.250 kg/cm^2	5	2+2 mm	12 mm	14,4 kg	1.000 mm

* Recomended minimal pulley diameter (60 - 100% use of breaking load).